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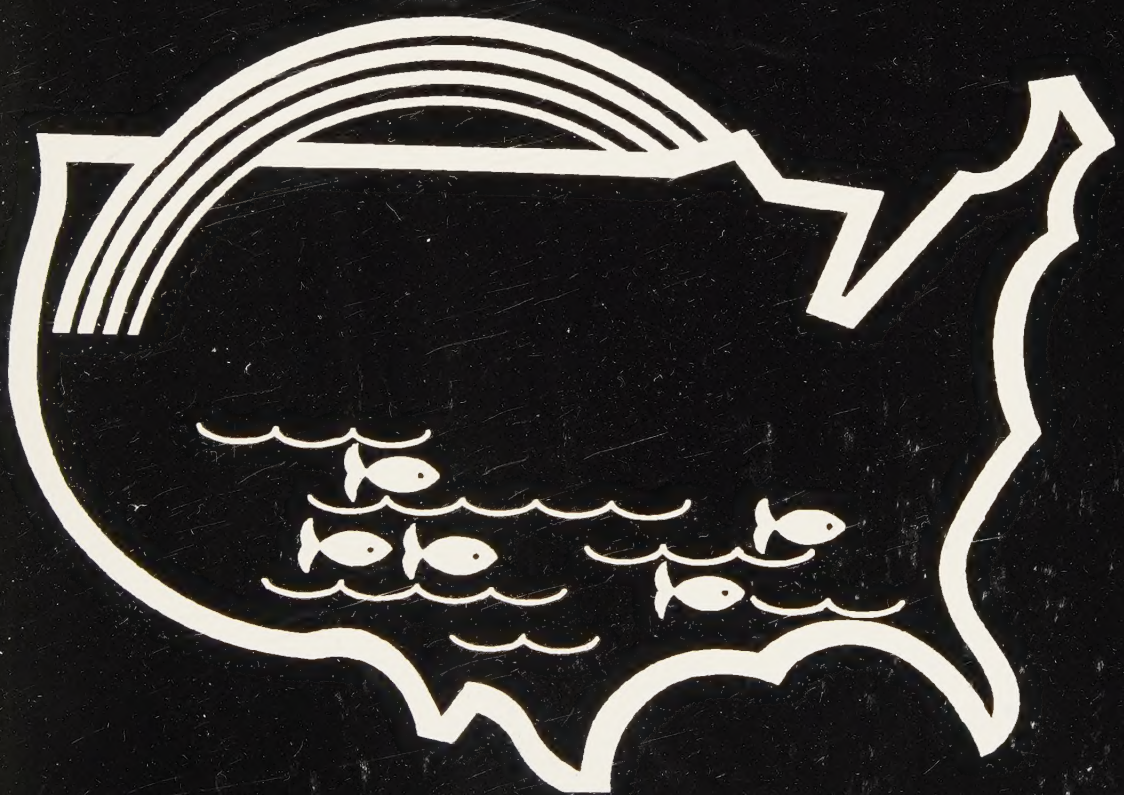
Fisheries of the United States, 2001

September 2002



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Fisheries of the United States 2001

National Marine Fisheries Service
Office of Science and Technology
Fisheries Statistics and Economics Division

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Silver Spring, Maryland

September 2002

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Preface

FISHERIES OF THE UNITED STATES, 2001

This publication is a preliminary report for 2001 on commercial and recreational fisheries of the United States with landings from the U.S. territorial seas, the U.S. Exclusive Economic Zone (EEZ), and on the high seas. This annual report provides timely answers to frequently asked questions.

SOURCES OF DATA

Information in this report came from many sources. Field offices of the National Marine Fisheries Service (NMFS), with the generous cooperation of the coastal states, collected and compiled data on U.S. commercial landings and processed fishery products.

The NMFS Fisheries Statistics and Economics Division in Silver Spring, MD, managed the collection and compilation of recreational statistics, in cooperation with various States and Interstate Fisheries Commissions, and tabulated and prepared all data for publication. Sources of other data appearing in this publication are: U.S. Bureau of the Census, U.S. Bureau of Labor Statistics, U.S. Coast Guard, U.S. Customs Service, U.S. Department of the Interior, U.S. Department of Agriculture, and the Food and Agriculture Organization (FAO) of the United Nations.

PRELIMINARY AND FINAL DATA

Data on U.S. commercial landings, employment, prices, production of processed products, and recreational catches are preliminary for 2001. Final data will be published in other NMFS Current Fishery Statistics publications.

The Fisheries Statistics and Economics Division of NMFS takes this opportunity to thank states, industry, and foreign nations who provided the data that made this publication possible. Program leaders of the field offices were: Gregory Power, Scott McNamara, and Gene Steady for New England, Middle Atlantic, and Chesapeake; Scott Nelson, U.S. Geological Survey, Great Lakes States; Linda Hardy, Guy Davenport, and Maggie Bourgeois for the South Atlantic and Gulf States; Patricia J. Donley, California and Hawaii; John K. Bishop, Oregon and Washington; and David Ham assisting Peggy Murphy of the Pacific State Marine Fisheries Commission for Alaska.

NOTES

The time series of U.S. catch by species and distance from shore included in this year's "Fisheries of the U.S." is estimated by the National Marine Fisheries Service.

As in past issues of this publication, the units of quantity and value are defined as follows unless otherwise noted: U.S. landings are shown in round weight (except mollusks which are in meat weight); quantities shown for U.S. imports and exports are in product weight, as reported by the U.S. Bureau of the Census; the value of the U.S. domestic commercial landings is exvessel; in the Review Section on important species, deflated exvessel prices are shown. The deflated value was computed using the Gross Domestic Products Implicit Price Deflator using a base year 1992; the value for U.S. imports is generally the market value in the foreign (exporting) country and, therefore, excludes U.S. import duties, freight charges from the foreign country to the United States, and insurance; the value for exports is generally the value at the U.S. port of export, based on the selling price, including inland freight, insurance, and other charges. Countries and territories shown in the U.S. foreign trade section are established for statistical purposes in the Tariff Schedules of the United States Annotated (International Trade Commission) and reported by the U.S. Bureau of the Census.

SUGGESTIONS

The Fisheries Statistics and Economics Division wishes to provide the kinds of data sought by users of fishery statistics, and welcomes comments or suggestions that will improve this publication.

Address all comments or questions to:

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Review

U.S. LANDINGS

Commercial landings (edible and industrial) by U.S. fishermen at ports in the 50 states were 9.5 billion pounds or 4.3 million metric tons valued at $3.2 billion in 2001—an increase of 422.9 million pounds (up 5 percent) but a decrease of $321.2 million (down 9 percent) compared with 2000. Finfish accounted for 87 percent of the total landings, but only 46 percent of the value. The 2001 average exvessel price paid to fishermen was 34 cents compared to 39 cents in 2000.

Catches of Alaska pollock, Pacific whiting and other Pacific groundfish that are processed at-sea aboard U.S. vessels in the northeastern Pacific are credited as "landings" to the state nearest to the area of capture. Information on landing port or percentage of catch transferred to transport ships for delivery to foreign ports is unavailable. These at-sea processed fishery products, on a round (live) weight basis, exceeded 1.0 million metric tons in 2001 and comprised more than 25 percent of the total domestic landings in the 50 states

Commercial landings by U.S. fishermen at ports outside the 50 states along with Internal Water Processing (IWP) agreements (see glossary) provided an additional 305.5 million pounds (138,600 metric tons) valued at $115.5 million. This was an increase of 5 percent, or 15.2 million pounds (6,900 metric tons) in quantity and $26.6 million (30 percent) in value compared with 2000. Most of these landings consisted of halibut, sea herring and tuna landed in Canada, American Samoa and other foreign ports.

Edible fish and shellfish landings in the 50 states were 7.3 billion pounds (3.3 million metric tons) in 2001—an increase of 402.0 million pounds (182,400 metric tons) compared with 2000.

Landings for reduction and other industrial purposes were 2.2 billion pounds (998,200 metric tons) in 2001—an increase of 1 percent compared with 2000.

The 2001 U.S. marine recreational finfish catch (including fish kept and fish released (discarded)) on the Atlantic, Gulf, and Pacific coasts was an estimated 440.3 million fish taken on an estimated 84.3 million fishing trips. The harvest (fish kept or released dead) was estimated at 186.7 million fish weighing 262.4 million pounds.

WORLD LANDINGS

In 2000, the most recent year for which data are available, world commercial fishery landings and aquaculture were 130.4 million metric tons—an increase of 3.8 million metric tons (up 3 percent) compared with 1999.

China was the leading nation with 31.9 percent of the total harvest; Peru, second with 8.2 percent; Japan, third with 4.4 percent; India, fourth with 4.4 percent; and United States, fifth with 4.0 percent.

PRICES

The 2001 annual exvessel price index for edible fish decreased by 6 percent, shellfish decreased by 5 percent, and industrial fish remained unchanged when compared with 2000. Exvessel price indices increased for 18 of the 33 species groups being tracked, decreased for 11 species groups, were unchanged for four species groups, and weren't available for one species. The bay scallops price index had the largest increase (115 percent) while sockeye salmon and other shrimp price index showed the largest decrease (28 percent).

PROCESSED PRODUCTS

The estimated value of the 2001 domestic production of edible and nonedible fishery products was $7.4 billion, $731.5 million less than in 2000. The value of edible products was $6.8 billion—a decrease of $741.0 million compared with 2000. The value of industrial products was $520.4 million in 2001—an increase of $9.5 million compared with 2000.

FOREIGN TRADE

The total import value of edible and nonedible fishery products was $18.5 billion in 2001—a decrease of $466.3 million compared with 2000. Imports of edible fishery products (product weight) were 4.1 billion pounds (1.9 million metric tons) valued at $9.9 billion in 2001—an increase of 123.8 million pounds but a decrease of $189.6 million compared with 2000. Imports of nonedible (i.e., industrial) products were $8.7 billion—a decrease of $276.7 million compared with 2000.

Total export value of edible and nonedible fishery products was $11.8 billion in 2001—an increase of $1.1

billion compared with 2000. United States firms exported 2.6 billion pounds (1.2 million metric tons) of edible products valued at $3.2 billion—an increase of 400.0 million pounds, and $242.8 million compared with 2000. Exports of nonedible products were valued at $8.6 billion, $809.3 million more than 2000.

SUPPLY

The U.S. supply of edible fishery products (domestic landings plus imports, round weight equivalent, minus exports) was 9.5 billion pounds (4.3 million metric tons) in 2001—a decrease of 621.7 million pounds (6 percent) compared with 2000. The supply of industrial fishery products was 1.5 billion pounds (671,200 metric tons) in 2001—an increase of 51.5 million pounds (4 percent) compared with 2000.

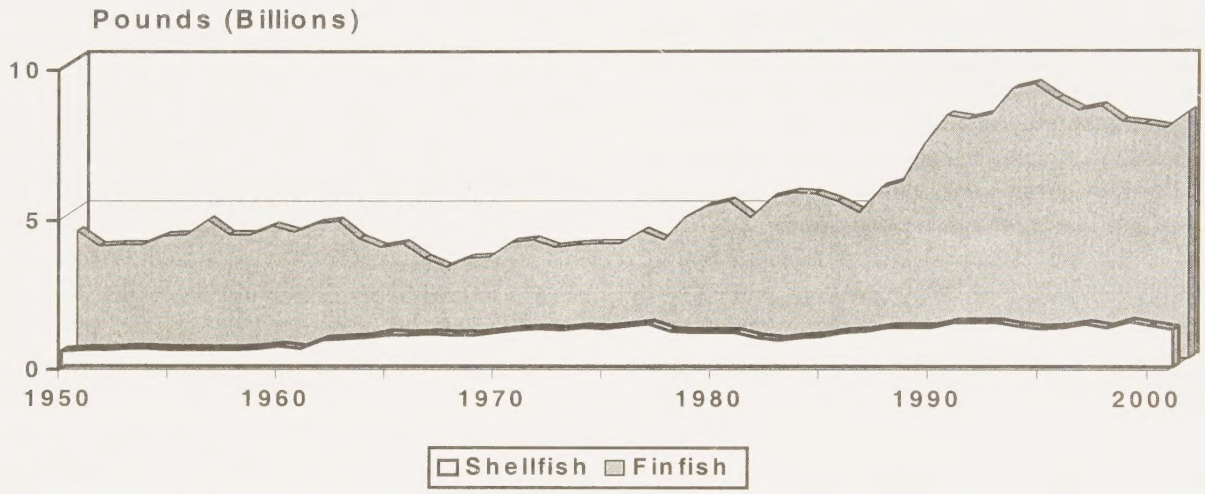
PER CAPITA CONSUMPTION

U.S. consumption of fishery products was 14.8 pounds of edible meat per person in 2001, down 0.4 pound from the revised 2000 per capita consumption of 15.2 pounds.

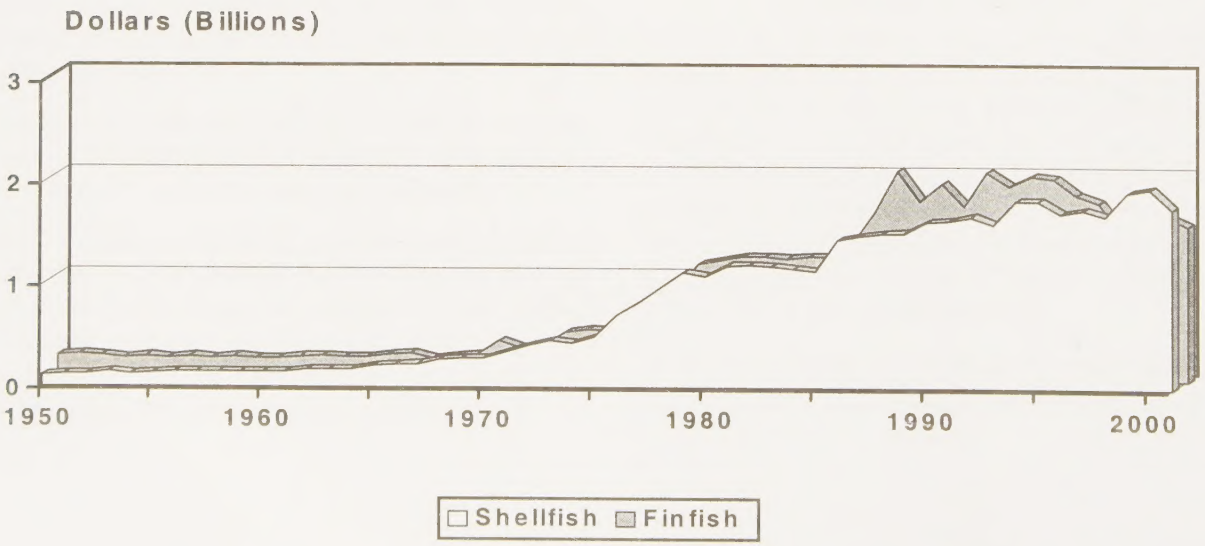
CONSUMER EXPENDITURES

U.S. consumers spent an estimated $55.3 billion for fishery products in 2001. The 2001 total includes $38.2 billion in expenditures at food service establishments (restaurants, carry-outs, caterers, etc.); $16.8 billion in retail sales for home consumption; and $276.3 million for industrial fish products. By producing and marketing a variety of fishery products for domestic and foreign markets, the commercial marine fishing industry contributed $28.6 billion (in value added) to the U.S. Gross National Product.

Volume of Domestic Finfish and Shellfish Landings
1950 - 2001



Value of U.S. Domestic Finfish and Shellfish Landings
1950 - 2001



Alaska led all states in volume with landings of 5.0 billion pounds, followed by Louisiana, 1.2 billion; Virginia, 561.7 million pounds; California,526.0 million pounds and Washington, 377.2 million pounds.

Alaska led all states in value of landings with $869.9 million, followed by Louisiana, $342.7 million; Massachusetts, $281.1 million; Maine, $251.4 million; and Texas, $218.0 million.

Dutch Harbor-Unalaska, Alaska, was the leading U.S. port in quantity of commercial fishery landings, followed by: Reedville, Virginia; Empire-Venice, Louisiana; Cameron, Louisiana; and Intercoastal City, Louisiana.

New Bedford, Massachusetts was the leading U.S. port in terms of value, followed by: Dutch Harbor-Unalaska, Alaska; Kodiak, Alaska; Dulac-Chauvin, Louisiana; and Brownsville/Port Isabel, Texas.

Tuna landings by U.S.-flag vessels at ports outside the continental United States amounted to 279.3 million pounds. Halibut also were landed at ports outside the United States.

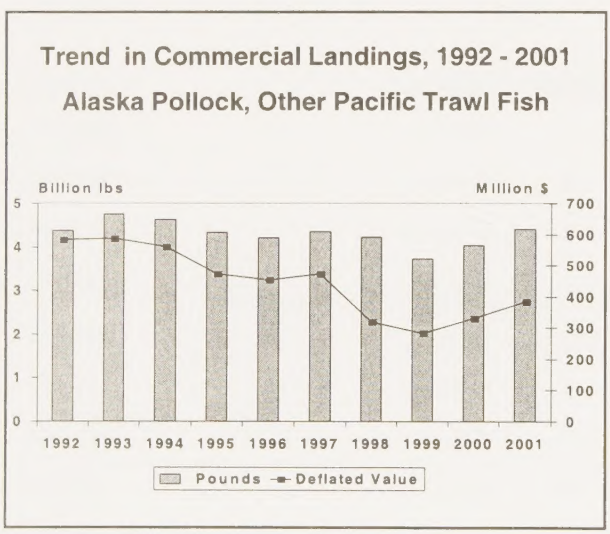
Major U.S. Domestic Species Landed in 2001
Ranked By Quantity and Value
(Numbers in thousands)

Rank	Species	Pounds	Rank	Species	Dollars
1	Pollock	3,188,465	1	Shrimp	568,547
2	Menhaden	1,741,430	2	Crabs	381,667
3	Salmon	722,832	3	Lobsters	275,728
4	Cod	504,922	4	Pollock	236,923
5	Hakes	497,152	5	Salmon	208,926
6	Flounders	352,363	6	Scallops	175,416
7	Shrimp	324,481	7	Clams	161,992
8	Herring (sea)	300,488	8	Cod	150,157
9	Crabs	272,246	9	Halibut	115,169
10	Squid	231,699	10	Flounders	105,240

ALASKA POLLOCK AND OTHER PACIFIC TRAWL FISH

U.S. landings of Pacific trawl fish (Pacific cod, flounders, hake, Pacific ocean perch, Alaska pollock, and rockfishes) were 4.4 billion pounds valued at $420.9 million—an increase of 9 percent in quantity and 9 percent in value compared with 2000.

Landings of Alaska pollock increased 22 percent to 3.2 billion pounds and were 622.5 million pounds more then their 1996 - 2000 5 - year average. Landings of Pacific cod were 471.7 million pounds — a decrease of 11 percent from 530.5 million pounds in 2000. Pacific hake (whiting) landings were 379.3 million pounds (down 16 percent) valued at $16.1 million (down 14 percent) compared to 2000. Landings of rockfishes were 43.9 million pounds (down 12 percent) and valued at $21.2 million (down 9 percent) compared to 2000. The 2001 rockfish landings were 48 percent lower than the 5-year average.



ANCHOVIES

U.S. landings of anchovies were 42.5 million pounds—an increase of 17.2 million pounds (68 percent) compared with 2000. Seven percent of all landings were used for animal food or reduction and 93 percent were used for bait. We import all edible anchovies.

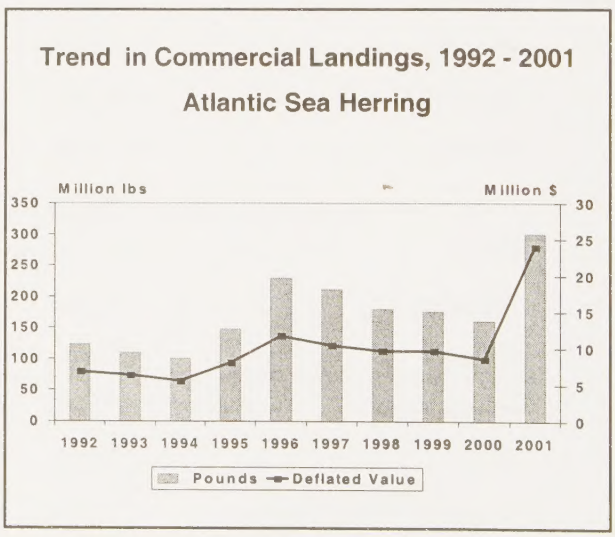
HALIBUT

U.S. landings of Atlantic and Pacific halibut were 78.0 million pounds (round weight) valued at $115.2 million—an increase of 2.8 million pounds (4 percent), but a decrease of $28.7 million (20 percent) compared with 2000. The Pacific fishery accounted for all but 24,000 pounds of the 2001 total halibut catch. The average exvessel price per pound in 2001 was $1.48 compared with $1.91 in 2000.

HERRING, SEA

U.S. commercial landings of sea herring were 300.5 million pounds valued at $26.2 million—an increase of 65.4 million pounds (28 percent), and $4.2 million (19 percent) compared with 2000. Landings of Atlantic sea herring were 209.2 million pounds valued at $12.7 million—an increase of 48.9 million pounds (31 percent), and $2.7 million (28 percent) compared with 2000.

Landings of Pacific sea herring were 91.3 million pounds valued at $13.5 million—an increase of 16.5 million pounds (22 percent), and $1.5 million (12 percent) compared with 2000. Alaska landings accounted for 93 percent of the Pacific coast with 84.8 million pounds valued at $10.4 million—an increase of 16.7 million pounds (25 percent), and 738,000 (8 percent) compared with 2000.



JACK MACKEREL

California accounted for 94 percent, Oregon for 5 percent, and Washington for 1 percent of the U.S. landings of jack mackerel in 2001. Total landings were 8.5 million pounds valued at $614,000—an increase of 5.6 million pounds (192 percent), and $367,000 (149 percent) compared with 2000. The 2001 average exvessel price per pound was 7 cents.

MACKEREL, ATLANTIC

U.S. landings of Atlantic mackerel were 27.2 million pounds valued at $2.2 million—an increase of 14.7 million pounds (118 percent) and $203,000 (10 percent) compared with 2000. New Jersey with 25.2 million pounds and Rhode Island with 1.1 million pounds accounted for 97 percent of the total landings. The average exvessel price per pound decreased to 8 cents in 2001 when compared to 16 cents in 2000.

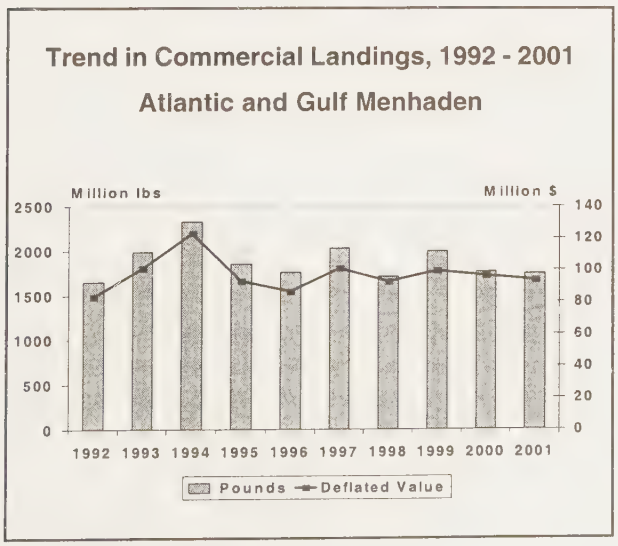
MACKEREL, CHUB

Landings of chub mackerel were 16.0 million pounds valued at $1.2 million—a decrease of 31.1 million pounds (66 percent) and $1.7 million (59 percent) compared with 2000. California accounted for 96 percent of total landings. The average exvessel price per pound was 7 cents, an increase of one 1 cent from 2000.

MENHADEN

The U.S. menhaden landings were 1.7 billion pounds valued at $102.7 million—a decrease of 19.1 million pounds (1 percent) and $9.7 million (9 percent) compared with 2000. Landings increased by 119.7 million pounds (26 percent) in the Atlantic states, but decreased by 138.7 million pounds (11 percent) in the Gulf states compared with 2000. Landings along the Atlantic coast were 572.3 million pounds valued at $30.3 million. Gulf region landings were 1.2 billion pounds valued at $72.4 million.

Menhaden are used primarily for the production of meal, oil, and solubles, while small quantities are used for bait.



NORTH ATLANTIC TRAWL FISH

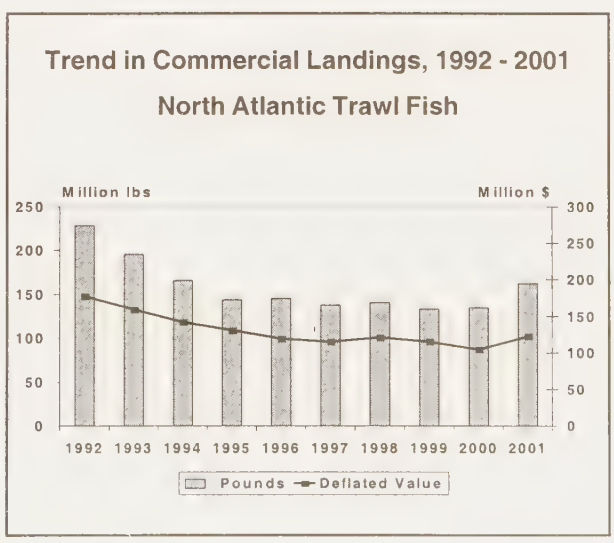
Landings of butterfish, Atlantic cod, cusk, flounders (winter/blackback, summer/fluke, yellowtail and other), haddock, red and white hake, ocean perch, pollock and whiting (silver hake) in the North Atlantic (combination of New England, Middle Atlantic, and Chesapeake Regions) were 162.2 million pounds valued at $134.5 million—an increase of 27.0 million pounds (20 percent), and $12.5 million (10 percent) compared with 2000. Of these species, flounder led in total value in the North Atlantic, accounting for 35 percent of the total; followed by cod, 20 percent; and whiting, 18 percent.

The 2001 landings of Atlantic cod were 33.2 million pounds valued at $32.1 million—an increase of 8.2 million pounds (33 percent) and $5.7 million (22 percent) compared with 2000. The exvessel price per pound was 97 cents in 2001, down from $1.05 per pound in 2000.

Landings of yellowtail flounder were 16.1 million pounds—an increase of 831,000 pounds (5 percent) from 2000, and about 80 percent higher than its 5-year average.

Haddock landings increased to 12.8 million pounds (46 percent) and $14.5 million (25 percent) compared to 2000.

North Atlantic pollock landings were 9.0 million pounds valued at $6.2 million—an increase of 145,000 pounds (2 percent), but a decrease of $828,000 (12 percent) compared with 2000.



PACIFIC SALMON

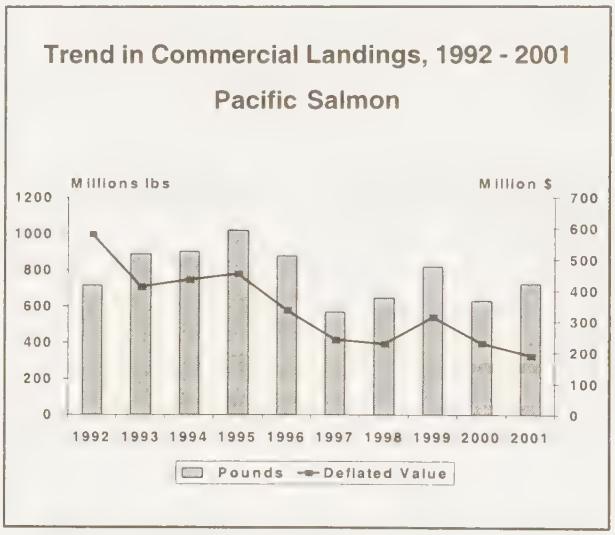
U.S. commercial landings of salmon were 722.8 million pounds valued at $208.9 million—an increase of 94.2 million pounds (15 percent) but a decrease of $61.3 million (23 percent) compared with 2000. Alaska accounted for 95 percent of total landings; Washington, 4 percent; California, Oregon, and the Great Lakes accounted for 1 percent of the catch. Sockeye salmon landings were 170.1 million pounds valued at $94.4 million—a decrease of 38.0 million pounds (18 percent) and $65.2 million (41 percent) compared with 2000. Chinook salmon landings increased to 16.6 million pounds—up 491,000 pounds (3 percent) from 2000. Pink salmon landings were 381.5 million pounds—an increase of 173.3 million (83 percent); chum salmon landings were 116.2 million—a decrease of 46.2 million (28 percent); and coho salmon increased to 38.4 million—an increase of 4.5 million pounds (14 percent) compared with 2000.

Alaska landings were 686.4 million pounds valued at $188.5 million—an increase of 79.7 million pounds (13 percent) but a decrease $58.1 million (24 percent) compared with 2000. The distribution of Alaska salmon landings by species in 2001 was: pink, 378.4 million pounds (55 percent); sockeye, 168.6 million pounds (25 percent); chum, 101.8 million pounds (15 percent); coho, 32.1 million pounds (5 percent); and chinook, 5.4 million pounds (less than1 percent). The average price per pound for all species in Alaska was 27 cents in 2001—a decrease of 14 cents from 2000.

Washington salmon landings were 27.9 million pounds valued at $9.6 million—an increase of 15.7 million pounds (128 percent), and $422,000 (5 percent) compared with 2000. The biennial fishery for pink salmon went from 2,000 pounds in 2000 to 3.2 million pounds in 2001. Washington landings of chum salmon were 14.3 million pounds (up 367 percent); followed by coho, 4.9 million pounds (up 32 percent); chinook salmon 4.0 million pounds (up 78 percent); and sockeye 1.5 million pounds (down 53 percent). The average exvessel price per pound for all species in Washington decreased from 75 cents in 2000 to 34 cents in 2001.

Oregon salmon landings were 5.3 million pounds valued at $5.9 million—an increase of 2.1 million pounds (68 percent) and $1.8 million (45 percent) compared with 2000. Chinook salmon landings were 3.9 million pounds valued at $5.5 million; coho landings were 1.4 million pounds valued at $406,000;. sockeye landings were 3,000 pounds valued at $4,000; pink landings were only 1,000 pounds valued at $1,000; and chum landings where less than 500 pounds value less than $500. The average exvessel price per pound for chinook salmon in Oregon decreased from $1.29 in 2000 to $1.11 in 2001.

California salmon landings were 2.8 million pounds valued at $4.7 million — a decrease of 3.1 million pounds (53 percent) and $5.4 million (53 percent) compared with 2000. Chinook salmon were the principal species landed in the State. The average exvessel price per pound paid to fishermen in 2001 was $1.72 compared with $1.74 in 2000.



SABLEFISH

U.S. commercial landings of sablefish were 44.0 million pounds valued at $80.4 million—a decrease of 5.7 million pounds (11 percent) and $20.8 million (21 percent) compared with 2000. Landings decreased in Alaska to 31.3 million pounds–a decrease of 12 percent compared with 2000. Landings decreased in Washington to 3.6 million pounds (down 4 percent) and in value to $553,000 (down 8 percent). The 2001 Oregon catch was 5.7 million pounds (down 9 percent), and $1.3 million (down 14 percent) compared with 2000. California landings of 3.4 million pounds and $4.2 million represent a 17 percent decrease in quantity and a 20 percent decrease in value from 2000. The average exvessel price per pound in 2001 was $1.82 compared with $2.04 in 2000.

TUNA

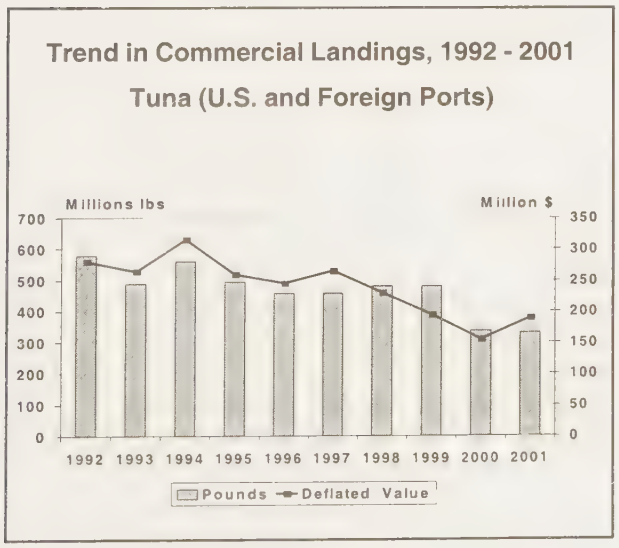
Landings of tuna by U.S. fishermen at ports in United States, American Samoa, other U.S. territories, and foreign ports were 331.1 million pounds valued at $207.3 million—a decrease of 5.6 million pounds (2 percent), but an increase of $27.3 million (15 percent) compared with 2000. The average exvessel price per pound of all species of tuna in 2001 was 63 cents compared with 53 cents in 2000.

Bigeye landings in 2001 were 13.0 million pounds—an increase of 401,000 pounds (3 percent) compared with 2000. The average exvessel price per pound was $2.15 in 2001 the same price as was reported in 2000.

Skipjack landings were 196.3 million pounds—a decrease of 18.5 million pounds (9 percent) compared with 2000. The average exvessel price per pound was 36 cents in 2001, compared to 25 cents in 2000.

Yellowfin landings were 76.3 million pounds—an increase of 734,000 pounds (1 percent) compared with 2000. The average exvessel price per pound was 68 cents in 2001 compared with 70 cents in 2000.

Bluefin landings were 3.4 million pounds—an increase of 249,000 pounds (8 percent) compared with 2001. The average exvessel price per pound in 2001 was $5.56 compared with $5.98 in 2000.

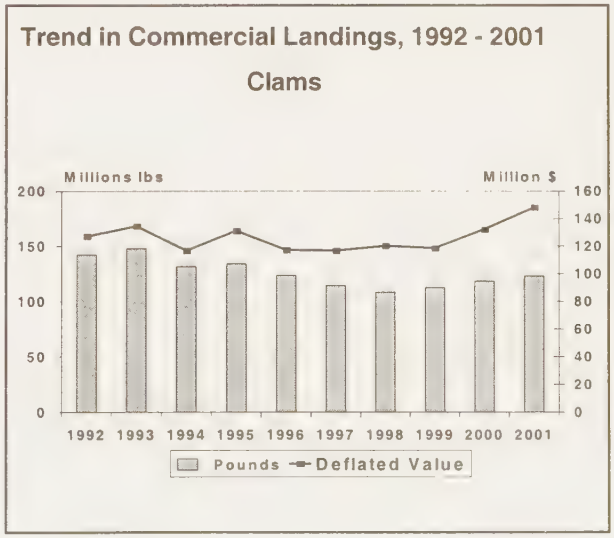


CLAMS

Landings of all species yielded 122.8 million pounds of meats valued at $162.0 million—an increase of 4.3 million pounds (4 percent), and $8.0 million (5 percent) in value compared with 2000. The average exvessel price per pound in 2001 was $1.32 compared with $1.30 in 2000.

Surf clams yielded 68.9 million pounds of meats valued at $39.6 million—an increase of 317,000 pounds (less then 1 percent) and $1.6 million (4 percent) compared with 2000. New Jersey was the leading state with 52.9 million pounds (down 9 percent), followed by Maryland, 7.9 million pounds (up 88 percent) and New York, 7.5 million pounds (up 36 percent) compared with 2000. The average exvessel price per pound of meats was 57 cents in 2001, up 4 cents from 2000.

The ocean quahog fishery produced 38.0 million pounds of meats valued at $23.9 million—an increase of 5.2 million pounds (16 percent) and $6.9 million (41 percent) compared with 2000. New Jersey had landings of 21.0 million pounds (up 42 percent) valued at $11.9 million (up 86 percent) while Massachusetts production was 10.4 million pounds (down 16 percent) valued at $5.5 million (up 6 percent). Together, New Jersey and Massachusetts accounted for 83 percent of total ocean quahog production in 2001. The average exvessel price per pound of meats increased from 52 cents in 2000 to 63 cents in 2001.



The hard clam fishery produced 9.6 million pounds of meats valued at $47.3 million—a decrease of 1.6 million pounds (15 percent) and $6.5 million (12 percent) compared with 2000. Landings in the New England region were 4.6 million pounds of meats (down 16 percent); Middle Atlantic, 3.2 million pounds (down 20 percent); Chesapeake, 608,000 pounds (up 19 percent); and the South Atlantic region, 1.1 million pounds (down 8 percent). The average exvessel price per pound of meats increased from $4.81 in 2000 to $4.95 in 2001.

Soft clams yielded 3.5 million pounds of meats valued at $19.1 million—an increase of 869,000 pounds (32 percent), and $7.5 (65 percent) compared with 2000. Maine was the leading state with 3.3 million pounds of meats (up 42 percent), followed by New York with 106,000 pounds (down 41 percent), and Maryland with 62,000 pounds (down 63 percent). The average exvessel price per pound of meats was $5.39 in 2001, compared with $4.33 in 2000.

CRABS

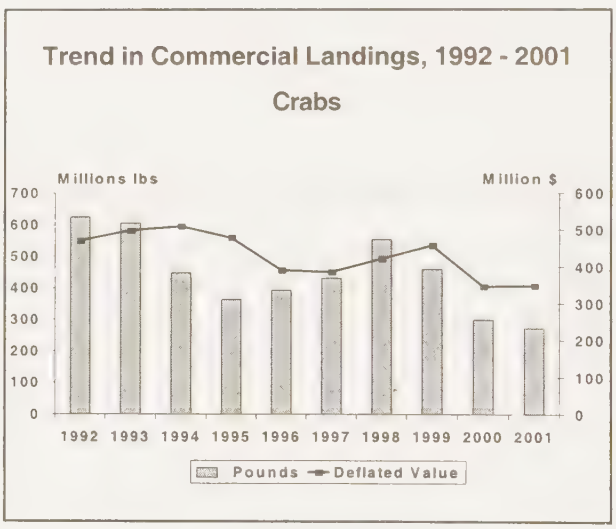
Landings of all species of crabs were 272.2 million pounds valued at $381.7 million—a decrease of 26.8 million pounds (9 percent), and $23.3 million (6 percent) compared with 2000.

Hard blue crab landings were 151.0 million pounds valued at $132.2 million—a decrease of 26.2 million pounds (15 percent), and $3.4 million (3 percent) compared with 2000. Louisiana landed 27 percent of the total U.S. landings followed by: North Carolina, 20 percent; Maryland, 16 percent; and Virginia, 15 percent. Hard blue crab landings in the Chesapeake region were 46.9 million pounds—a decrease of 3 percent; the South Atlantic with 41.7 million pounds decreased 22 percent; and the Gulf region with 52.7 million pounds decreased 21 percent. The Middle Atlantic region with 9.7 million pounds valued at $9.7 million had an increase of 808,000 pounds (9 percent) compared with 2000. The average exvessel price per pound of hard blue crabs was 88 cents in 2001, compared with 77 cents in 2000.

Dungeness crab landings were 36.4 million pounds valued at $73.3 million—a decrease of 1.3 million pounds (3 percent) and $5.7 million (7 percent) compared with 2000. Washington landings of 18.9 million pounds (up 8 percent) led all states with 52 percent of the total landings. Oregon landings were 9.7 million pounds (down 12 percent) or 27 percent of the total landings. Alaska landings were 4.3 million pounds (up 55 percent) and California landings were 3.5 million pounds (down 45 percent) compared with 2000. The average exvessel price per pound was $2.01 in 2001 compared with $2.09 in 2000.

U.S. landings of king crab were 16.1 million pounds valued at $65.6 million—an increase of 956,000 pounds (6 percent), and $3.9 million (6 percent) compared with 2000. The average exvessel price per pound in 2001 was $4.08 same as reported in 2000.

Snow crab landings were 24.8 million pounds valued at $38.3 million—a decrease of 9.7 million pounds (28 percent), and a decrease of $26.2 million (41 percent) compared with 2000. The average exvessel price per pound was $1.55 cents in 2001, down from $1.87 in 2000.



LOBSTER, AMERICAN

American lobster landings were 73.6 million pounds valued at $254.3 million—a decrease of 9.5 million pounds (11 percent) and $47.0 million (16 percent) compared with 2000. Maine led in landings for the 20th consecutive year with 50.7 million pounds valued at $161.1 million—a decrease of 6.5 million pounds (11 percent) compared with 2000. Massachusetts, the second leading producer, had landings of 13.3 million pounds valued at $54.5 million—a decrease of 1.3 million pounds (9 percent) compared with 2000. Together, Maine and Massachusetts produced 87 percent of the total national landings. The average exvessel price per pound was $3.45 in 2001, compared with $3.62 in 2000.

LOBSTERS, SPINY

U.S. landings of spiny lobster were 4.1 million pounds valued at $21.4 million–a decrease of 2.4 million pounds (37 percent) and $11.5 million (35 percent) compared with 2000. Florida, with landings of 3.4 million pounds valued at $16.8 million, accounted for 82 percent of the total catch and 78 percent of the value. This was a decrease of 2.3 million pounds (40 percent), and $10.8 million (39 percent) compared with 2000. Overall the average exvessel price per pound was $5.24 in 2001 compared with $5.09 in 2000.

OYSTERS

U.S. oyster landings yielded 32.7 million pounds of meats valued at $80.9 million—a decrease of 8.5 million pounds (21 percent) and $9.7 million (11 percent) compared with 2000. The Gulf region led in production with 23.0 million pounds of meats, 70 percent of the national total; followed by the Pacific region with 6.4 million pounds (20 percent), principally Washington, with 4.6 million pounds (71 percent of the region's total volume); and the Chesapeake region with 1.5 million pounds (5 percent). The average exvessel price per pound of meats was $2.47 in 2001 compared with $2.20 in 2000.

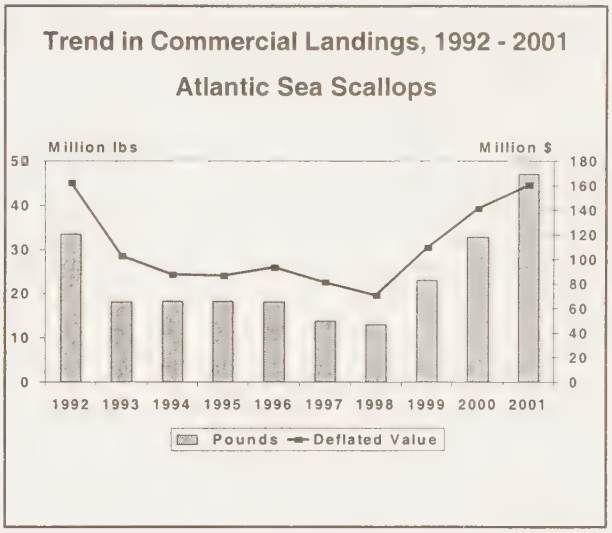
SCALLOPS

U.S. landings of bay and sea scallops totaled 47.0 million pounds of meats valued at $175.3 million—an increase of 14.2 million pounds (43 percent) and $10.7 million (7 percent) compared with 2000. The average exvessel price per pound of meats decreased from $5.02 in 2000 to $3.74 in 2001.

Bay scallop landings were 6,000 pounds of meats valued at $67,000—a decrease of 19,000 pounds (76 percent) and $63,000 (48 percent) compared with 2000. The average exvessel price per pound of meats was $11.17 in 2001 compared with $5.20 in 2000.

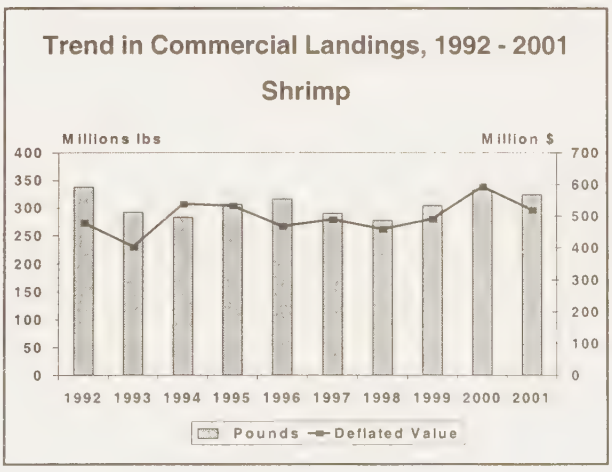
Calico scallops landings in 2001 were confidential and cannot be publically released.

Sea scallop landings were 47.0 million pounds of meats valued at $175.3 million—an increase of 14.2 million pounds (43 percent) and $10.7 million (7 percent) compared with 2000. Massachusetts and Virginia were the leading states in landings of sea scallops with 22.9 and 12.7 million pounds of meats, respectively, representing 76 percent of the national total. The average exvessel price per pound of meats in 2001 was $3.73 compared with $5.03 in 2000.



SHRIMP

U.S. landings of shrimp were 324.5 million pounds valued at 568.5 million—a decrease of 8.0 million pounds (2 percent) and $121.9 million (18 percent) in value compared with 2000. Shrimp landings by region where New England down 48 percent; South Atlantic down 29 percent; Gulf down less than 1 percent and Pacific up 11 percent. The average exvessel price per pound of shrimp decreased to $1.75 in 2001 compared with $2.08 in 2000. Gulf region landings were the nation's largest with 256.2 million pounds and 79 percent of the national total. Louisiana led all Gulf states with 124.8 million pounds (down 6 percent); followed by Texas, 82.2



million pounds (up 11 percent); Florida (West Coast), 17.5 million pounds (up 18 percent); Mississippi, 15.9 million pounds (up 8 percent); and Alabama, 15.9 million pounds (down 20 percent). In the Pacific region, Oregon had landings of 28.5 million pounds (up 12 percent); Washington had landings of 7.6 million pounds (up 41 percent); and California had 4.6 million pounds (down 3 percent); compared with 2000.

SQUID

U.S. commercial landings of squid were 231.7 million pounds valued at $40.5 million—a decrease of 85.3 million pounds (27 percent) and $14.6 million (26 percent) compared with 2000. California was the leading state with 189.2 million pounds (82 percent) and was followed by Rhode Island with 22.8 million pounds (10 percent of the national total). The Pacific region landings were 191.1 million pounds (down 26 percent); followed by New England, 25.0 million (down 17 percent); Middle Atlantic, 14.5 million pounds (down 45 percent); and the Chesapeake region with 902,000 pounds (up 32 percent) compared with 2000. The average exvessel price per pound for squid was 17 cents in 2001 the same as reported in 2000.

U.S. DOMESTIC LANDINGS, BY SPECIES, 2000 AND 2001 (1)

Species	2000			2001			Average (1996-2000)
Fish	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Alewives	642	291	171	1,576	715	297	1,118
Anchovies	25,324	11,487	1,129	42,460	19,260	1,422	12,632
Atka mackerel	98,308	44,592	8,848	125,874	57,096	1,710	130,149
Bluefish	8,072	3,661	2,796	8,804	3,993	3,088	8,488
Blue runner	288	131	183	348	158	206	382
Bonito	202	92	143	119	54	161	1,949
Butterfish	4,677	2,121	1,922	10,939	4,962	3,582	6,738
Catfish and bullheads	16,670	7,561	9,708	16,487	7,478	9,953	14,566
Chubs	2,167	983	1,646	1,625	737	1,588	3,242
Cod:							
Atlantic	25,060	11,367	26,384	33,211	15,064	32,086	26,212
Pacific	530,505	240,635	142,330	471,711	213,967	118,071	575,422
Crevalle (jack)	700	318	402	674	306	405	635
Croaker:							
Atlantic	26,760	12,138	10,093	28,699	13,018	8,170	25,275
Pacific (white)	231	105	156	301	137	145	287
Cusk	415	188	266	397	180	228	742
Dolphinfish	1,193	541	1,591	921	418	1,108	1,403
Eels, American	1,432	650	1,110	867	393	821	1,114
Flounders:							
Arrowtooth	41,305	18,736	2,007	31,619	14,342	1,109	24,691
Winter (blackback)	12,826	5,818	12,685	15,279	6,931	13,783	11,915
Plaice, American	9,288	4,213	9,539	9,755	4,425	9,516	8,529
Summer (fluke)	11,214	5,087	19,947	10,836	4,915	18,051	11,733
Sole:							
Dover	20,750	9,412	6,968	16,406	7,442	5,600	23,316
Flathead	35,859	16,266	1,756	35,477	16,092	1,516	32,509
Witch (gray)	5,376	2,439	6,999	4,017	1,822	4,030	4,530
Petrale	4,124	1,871	4,184	53,379	24,213	4,919	3,721
Rock	60,665	27,517	7,521	6,658	3,020	7,855	52,408
Yellowfin	154,258	69,971	6,672	121,072	54,918	8,781	201,922
Yellowtail	15,272	6,927	15,352	16,103	7,304	15,264	8,942
Atlantic/Gulf, Other	4,702	2,133	7,305	4,670	2,118	7,628	4,061
Pacific, Other	37,084	16,821	8,975	27,092	12,289	7,188	54,848
Total, flounders	**412,723**	**187,210**	**109,910**	**352,363**	**159,831**	**105,240**	**443,126**
Goosefish (anglerfish)	45,869	20,806	53,504	51,296	23,268	44,159	54,637
Groupers	12,924	5,862	27,771	13,493	6,120	29,530	11,152
Haddock	8,823	4,002	11,575	12,845	5,826	14,513	5,317
Hakes:							
Pacific (whiting)	452,718	205,352	18,809	379,304	172,051	16,147	472,512
Red	3,463	1,571	892	3,701	1,679	916	3,036
Silver (Atl.whiting)	26,855	12,181	11,370	28,479	12,918	13,232	32,094
White	6,629	3,007	3,809	7,690	3,488	3,904	5,968
Halibut	75,190	34,106	143,826	77,978	35,371	115,169	69,547
Herring:							
Sea:							
Atlantic	160,269	72,698	9,972	209,191	94,888	12,717	184,720
Pacific	74,835	33,945	12,043	91,297	41,412	13,213	103,097
Thread	6,737	3,056	466	2,770	1,256	289	8,501
Jack mackerel	2,902	1,316	247	8,464	3,839	614	3,233

See notes at end of table.

(Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 2000 AND 2001 (1) - Continued

Species	2000			2001			Average (1996-2000)
Fish - Continued:	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Lingcod	379	172	381	411	186	425	2,472
Mackerels:							
Atlantic	12,454	5,649	2,018	27,155	12,317	2,221	27,068
Chub	47,065	21,349	2,826	15,981	7,249	1,172	34,772
King and cero	4,952	2,246	7,063	4,839	2,195	6,895	5,115
Spanish	3,636	1,649	2,076	4,223	1,916	2,466	3,400
Menhaden:							
Atlantic	456,623	207,123	31,733	576,286	261,402	30,336	570,497
Gulf	1,303,875	591,434	80,670	1,165,144	528,506	72,354	1,277,209
Total, menhaden	**1,760,498**	**798,557**	**112,403**	**1,741,430**	**789,907**	**102,690**	**1,847,706**
Mullets	20,554	9,323	13,652	18,535	8,407	11,332	18,100
Ocean perch:							
Atlantic	702	318	375	794	360	358	692
Pacific	39,521	17,927	2,597	38,997	17,689	1,692	43,011
Pollock:							
Atlantic	8,913	4,043	7,028	9,058	4,109	6,200	9,450
Walleye (Alaska)	2,606,802	1,182,438	160,525	3,179,407	1,442,170	230,723	2,556,947
Rockfishes:							
Bocaccio	60	27	43	75	34	54	851
Canary	134	61	78	108	49	61	1,878
Chilipepper	980	445	596	1,362	618	781	2,473
Widow	7,947	3,605	3,791	5,751	2,609	2,434	11,296
Yellowtail	6,988	3,170	3,138	4,580	2,077	2,059	7,156
Other	33,935	15,393	15,739	32,033	14,530	15,769	60,902
Total, rockfishes	**50,044**	**22,700**	**23,385**	**43,909**	**19,917**	**21,158**	**84,556**
Sablefish	49,680	22,535	101,161	44,037	19,975	80,361	50,862
Salmon:							
Chinook or king	16,099	7,302	26,194	16,588	7,524	22,527	17,968
Chum or keta	162,332	73,633	39,238	116,153	52,687	34,973	144,191
Pink	208,201	94,439	27,094	381,543	173,067	41,225	291,941
Red or sockeye	208,162	94,422	159,604	170,134	77,172	94,376	218,431
Silver or coho	33,841	15,350	18,083	38,414	17,424	15,825	34,005
Total, salmon	**628,635**	**285,147**	**270,213**	**722,832**	**327,874**	**208,926**	**706,536**
Sardines:							
Pacific	149,666	67,888	7,319	166,931	75,719	9,113	108,349
Spanish	1,355	615	84	1,374	623	366	1,200
Scup or porgy	3,018	1,369	3,670	4,538	2,058	3,857	4,885
Sea bass:							
Black (Atlantic)	3,343	1,516	5,657	3,674	1,667	5,389	3,675
White (Pacific)	223	101	425	274	124	506	158
Sea trout or weakfish:							
Gray	5,375	2,438	3,589	5,010	2,273	3,150	7,047
Spotted	572	259	775	335	152	560	807
Sand (white)	164	74	125	116	53	74	165
Shads:							
American	2,974	1,349	1,302	3,578	1,623	1,020	3,372
Hickory	111	50	23	199	90	35	142
Sharks:							
Dogfish	23,680	10,741	4,853	7,703	3,494	1,778	44,964
Other	11,333	5,141	6,303	8,705	3,949	5,822	14,744
Sheepshead (Atlantic)	3,369	1,528	1,061	2,677	1,214	935	3,228

See notes at end of table. (Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 2000 AND 2001 (1) - Continued

Species	2000			2001			Average (1996-2000)
Fish - Continued:	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Skates	33,184	15,052	4,431	32,237	14,623	3,948	32,026
Smelts	1,893	859	2,298	1,281	581	1,033	2,047
Snappers:							
Red	5,084	2,306	12,003	5,048	2,290	11,902	4,729
Vermilion	2,009	911	4,394	2,329	1,056	5,004	1,262
Unclassified	3,584	1,626	7,183	3,648	1,655	7,095	4,053
Spearfish	271	123	328	552	250	668	855
Spot	6,925	3,141	3,684	6,814	3,091	2,846	6,493
Striped bass	6,913	3,136	12,286	6,501	2,949	11,497	6,228
Swordfish	17,805	8,076	37,981	9,409	4,268	19,831	15,077
Tenpounder (ladyfish)	266	121	139	1,014	460	670	1,671
Tilefish	2,605	1,182	4,852	3,108	1,410	5,194	3,192
Trout, rainbow	321	146	224	486	220	212	393
Tuna:							
Albacore	22,455	10,185	20,630	28,011	12,706	25,149	28,807
Bigeye	7,245	3,286	24,862	7,652	3,471	25,588	7,448
Bluefin	3,167	1,436	18,954	3,150	1,429	18,900	6,386
Little (tunny)	484	220	113	787	357	430	694
Skipjack	3,378	1,532	2,551	1,909	866	2,176	11,642
Yellowfin	13,781	6,251	27,651	10,122	4,591	20,860	16,982
Unclassified	268	122	416	223	101	394	668
Total, tuna	**50,779**	**23,033**	**95,176**	**51,854**	**23,521**	**93,497**	**72,626**
Whitefish, lake	11,461	5,199	10,095	9,886	4,484	10,256	12,057
Wolffish, Atlantic	442	200	218	550	249	221	629
Yellow perch	1,249	567	2,929	1,411	640	3,382	1,320
Other marine finfishes	58,705	26,628	37,109	17,161	7,784	6,160	59,210
Other freshwater finfishes	14,564	6,606	5,524	48,595	22,043	34,664	15,725
Total, fish	**7,689,661**	**3,488,007**	**1,594,815**	**8,242,490**	**3,738,769**	**1,479,988**	**--**
Shellfish							
Clams:							
Quahog (hard)	11,205	5,083	53,841	9,559	4,336	47,299	9,833
Geoduck (Pacific)	1,560	708	15,841	1,367	620	18,955	1,396
Manila (Pacific)	829	376	11,808	689	313	8,114	724
Ocean quahog	32,845	14,898	16,979	37,993	17,234	23,866	40,370
Softshell	2,680	1,216	11,604	3,549	1,610	19,136	2,530
Surf (Atlantic)	68,548	31,093	38,025	68,864	31,237	39,555	60,565
Other	815	370	5,875	743	337	5,067	1,206
Total, clams	**118,482**	**53,743**	**153,973**	**122,764**	**55,685**	**161,992**	**116,623**
Conch (snails)	2,086	946	3,649	2,864	1,299	4,711	3,243
Crabs:							
Blue: Hard	177,231	80,391	135,637	151,034	68,509	132,234	208,291
Soft and peeler	6,640	3,012	23,145	7,403	3,358	28,607	5,370
Dungeness	37,719	17,109	79,007	36,431	16,525	73,262	42,114
Jonah	2,455	1,114	1,479	2,745	1,245	1,678	2,203
King	15,098	6,848	61,641	16,054	7,282	65,560	19,033

See notes at end of table.

(Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 2000 AND 2001 (1) - Continued

Species	2000			2001			Average (1996-2000)
Shellfish - Continued	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Crabs - Continued:							
Snow (Tanner):							
Opilio	32,811	14,883	60,535	24,792	11,246	38,319	129,285
Bairdi	1,686	765	4,019	2,052	931	4,256	2,374
Other	25,366	11,506	39,543	31,735	14,395	37,751	18,106
Total, crabs	**299,006**	**135,628**	**405,006**	**272,246**	**123,490**	**381,667**	**426,777**
Crawfish (freshwater)	479	217	743	10,310	4,677	8212	14,024
Horseshoe crab	3,737	1,695	923	2,863	1,299	1,001	5,093
Lobsters:							
American	83,180	37,730	301,300	73,637	33,402	254,334	81,171
Spiny	6,463	2,932	32,926	4,082	1,852	21,394	6,928
Mussels, blue (sea)	3,264	1,481	5,083	3,378	1,532	4,804	3,705
Oysters	41,146	18,664	90,667	32,673	14,820	80,946	35,529
Scallops:							
Bay	25	11	130	6	3	67	54
Calico, Atlantic	(3)	(3)	(3)	(3)	(3)	(3)	1,448
Sea	32,747	14,854	164,609	46,958	21,300	175,349	20,159
Shrimp:							
New England	5,361	2,432	4,335	2,793	1,267	2,534	10,459
South Atlantic	32,288	14,646	77,735	23,010	10,437	50,111	30,506
Gulf	256,633	116,408	582,052	256,215	116,218	495,642	229,429
Pacific	38,203	17,329	26,325	42,455	19,257	20,197	33,891
Other	1	(2)	6	8	4	63	48
Total, shrimp	**332,486**	**150,815**	**690,453**	**324,481**	**147,184**	**568,547**	**304,333**
Squid:							
Atlantic:							
Illex	19,867	9,012	3,736	8,838	4,009	1,937	30,752
Loligo	37,351	16,942	24,062	31,329	14,211	20,684	36,694
Unclassified	302	137	158	-	-	-	35,855
Pacific:							
Loligo	259,506	117,711	27,076	189,219	85,829	17,547	155,425
Unclassified	2	1	1	2,313	1,049	287	71
Total, Squid	**317,028**	**143,803**	**55,033**	**231,699**	**105,098**	**40,455**	**258,798**
Other shellfish	15,132	6,864	14,204	10,551	4,786	7,912	13,199
Total, Shellfish	**1,255,261**	**569,383**	**1,918,699**	**1,138,512**	**516,426**	**1,711,391**	**--**
Other							
Sea urchins	30,896	14,014	33,590	27,470	12,460	26,535	36,798
Seaweed, unclassified	92,531	41,972	163	81,905	37,152	681	119,416
Kelp (with herring eggs)	191	87	77	71	32	402	409
Worms	445	202	2,137	1,415	642	9,288	471
Total, other	**124,063**	**56,275**	**35,967**	**110,861**	**50,286**	**36,906**	**--**
Grand Total, U.S.	**9,068,985**	**4,113,664**	**3,549,481**	**9,491,863**	**4,305,481**	**3,228,285**	--

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). Landings for Missisippi River drainage are not available.
(2) Less than .5 metric ton.
(3) Data are confidential and included with unclassified shellfish.

Note:—Data are preliminary. Totals may not add due to rounding. Total U.S. Domestic landings include Alaska pollock, Pacific whiting and other Pacific groundfish that are caught in the U.S. EEZ off Washington, Oregon and Alaska and processed at-sea aboard U.S. vessels. Data do not include landings by U.S.-flag vessels at Puerto Rico or other ports outside the 50 States. Data do not include aquaculture products, except oysters and clams.

DISPOSITION OF U.S. DOMESTIC LANDINGS, 2000 AND 2001

End Use	2000		2001	
	Million pounds	Percent	Million pounds	Percent
Fresh and frozen:				
For human food	6,293	69.4	6,691	70.5
For bait and animal food	364	4.0	394	4.2
Total	**6,657**	**73.4**	**7,085**	**74.6**
Canned:				
For human food	500	5.5	500	5.3
For bait and animal food	30	0.3	36	0.4
Total	**530**	**5.8**	**536**	**5.6**
Cured for human food	119	1.3	123	1.3
Reduction to meal, oil, other	1,763	19.4	1,748	18.4
Grand total	**9,069**	**100.0**	**9,492**	**100.0**

NOTE:--Data are preliminary. Table may not add due to rounding.

DISPOSITION OF U.S. DOMESTIC LANDINGS, BY MONTH, 2001

Month	Landings for human food		Landings for industrial purposes (1)		Total	
	Million pounds	Percent	Million pounds	Percent	Million pounds	Percent
January	290	4.0	37	1.7	327	3.4
February	790	10.8	32	1.5	822	8.7
March	904	12.4	31	1.4	935	9.9
April	327	4.5	94	4.3	421	4.4
May	367	5.0	192	8.8	559	5.9
June	407	5.6	277	12.7	684	7.2
July	1,004	13.7	400	18.4	1,404	14.8
August	1,179	16.1	380	17.4	1,559	16.4
September	1,029	14.1	300	13.8	1,329	14.0
October	611	8.4	283	13.0	894	9.4
November	240	3.3	84	3.9	324	3.4
December	167	2.3	68	3.1	235	2.5
Total	**7,314**	**100.0**	**2,178**	**100.0**	**9,492**	**100.0**

(1) Processed into meal, oil, solubles, and shell products, or used as bait and animal food.

U.S. COMMERCIAL LANDINGS OF FISH AND SHELLFISH, 1992-2001 (1)

Year	Landings for human food		Landings for industrial purposes (2)		Total	
	Million pounds	Million dollars	Million pounds	Million dollars	Million pounds	Million dollars
1992	7,618	3,531	2,019	147	9,637	3,678
1993	*8,214	3,317	2,253	154	10,467	3,471
1994	7,936	3,714	2,525	95	10,461	3,809
1995	7,667	3,625	2,121	145	9,788	3,770
1996	7,474	3,355	2,091	132	9,565	3,487
1997	7,244	3,285	2,598	163	9,842	3,448
1998	7,173	3,009	2,021	119	9,194	3,128
1999	6,832	3,265	2,507	202	9,339	3,467
2000	6,912	3,398	2,157	152	9,069	3,550
2001	7,314	3,074	2,178	154	9,492	3,228

(1) Statistics on landings are shown in round weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats (excluding the shell).
(2) Processed into meal, oil, solubles, and shell products, or used as bait or animal food.

*Record. Record—For industrial purposes 1983, 3,201 million lb.

NOTE:—Data are preliminary. Data do not include landings outside the 50 States or products of aquaculture, except oysters and clams.

U.S. Commercial Landings

U.S. DOMESTIC LANDINGS, BY REGION AND BY STATE, 2000 AND 2001 (1)

Regions and States	2000		2001		Record Landings	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Year	Thousand pounds
New England:	**570,728**	**681,092**	**635,162**	**646,447**	-	-
Maine	226,849	275,107	239,868	251,441	1950	356,266
New Hampshire	17,160	13,951	18,584	17,865	-	(2)
Massachusetts	187,861	288,263	242,066	281,059	1948	649,696
Rhode Island	119,295	72,544	115,957	65,457	1957	142,080
Connecticut	19,563	31,227	18,687	30,625	1930	88,012
Middle Atlantic:	**219,661**	**173,296**	**217,975**	**172,503**	-	-
New York	41,181	59,426	42,422	55,038	1880	335,000
New Jersey	171,804	107,163	168,430	109,820	1956	540,060
Delaware	6,676	6,707	7,123	7,645	1953	367,500
Chesapeake:	**492,110**	**172,210**	**617,244**	**174,968**	-	-
Maryland	48,913	53,874	55,536	55,586	1890	141,607
Virginia	443,197	118,336	561,708	119,382	1990	786,794
South Atlantic:	**221,350**	**204,480**	**199,554**	**176,488**	-	-
North Carolina	155,214	95,305	139,277	90,202	1981	432,006
South Carolina	15,835	30,344	14,111	23,398	1965	26,611
Georgia	9,694	21,331	9,036	14,752	1927	47,607
Florida, East Coast	40,607	57,500	37,130	48,136	-	(2)
Gulf:	**1,759,993**	**910,685**	**1,605,564**	**798,319**	-	-
Florida, West Coast	79,415	155,200	78,105	143,810	-	(2)
Alabama	29,931	63,275	24,740	43,170	1973	36,744
Mississippi	217,744	58,715	213,889	50,561	1984	476,997
Louisiana	1,344,913	401,095	1,191,460	342,748	1984	1,931,027
Texas	87,990	232,400	97,370	218,030	1960	237,684
Pacific Coast:	**5,750,364**	**1,320,763**	**6,173,671**	**1,187,106**	-	-
Alaska	4,465,987	956,990	5,036,338	869,885	1993	5,905,638
Washington	380,223	145,311	377,231	134,454	1994	527,804
Oregon	262,917	79,351	234,097	72,516	1997	273,503
California	641,237	139,111	526,005	110,251	1936	1,760,193
Great Lakes:	**22,245**	**18,508**	**18,818**	**17,844**	-	-
Illinois	49	35	16	14	-	(2)
Michigan	12,704	8,963	10,322	9,235	1930	35,580
Minnesota	377	172	501	202	-	(2)
New York	49	75	71	113	-	
Ohio	3,497	2,442	3,535	3,287	1936	31,083
Pennsylvania	20	29	25	44	-	(2)
Wisconsin	5,549	6,792	4,348	4,949	-	(2)
Hawaii	**32,531**	**68,447**	**23,870**	**54,561**	1999	36,907
Total, United States	**9,068,982**	**3,549,481**	**9,491,858**	**3,228,236**	---	---

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, scallops, which are reported in weight of meats (excluding the shell). Landings for Mississippi River drainage area States are not available.

2) Data not available.

NOTE:—Data are preliminary. Landings of Alaska pollock, Pacific whiting, and other Pacific groundfish that are caught in waters off Washington, Oregon and Alaska and are processed at-sea aboard U.S. vessels are credited to the State nearest to the area of capture. Totals may not add due to roundings. Data do not include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States. Therefore, they will not agree with "U.S. Commercial Landings" beginning on page 8. Data do not include aquaculture products, except oysters and clams.

COMMERCIAL FISHERY LANDINGS AND VALUE AT MAJOR U.S. PORTS, 2000-2001

Port	Quantity		Port	Value	
	2000	2001		2000	2001
	Million pounds			Million dollars	
Dutch Harbor-Unalaska, AK	699.8	834 5	New Bedford, MA	146.3	150.5
Reedville, VA	366.8	488.0	Dutch Harbor-Unalaska, AK	124.9	129.4
Empire-Venice, LA	396.2	370.7	Kodiak, AK	94.7	74.4
Cameron, LA	414.5	324.1	Dulac-Chauvin, LA	68.1	60.9
Intracoastal City, LA	321.7	303.6	Brownsville-Port Isabel, TX	88.6	59.8
Kodiak, AK	289.6	285.5	Empire-Venice, LA	61.6	59 1
Los Angeles, CA	254.7	219.1	Hampton Roads Area, VA	52.8	56.8
Pascagoula-Moss Point, MS	199.9	196.0	Honolulu, HI	56.0	40.0
New Bedford, MA	89.0	106.9	Key West, FL	50.6	40.0
Port Hueneme-Oxnard-Ventura, CA	162.2	104.8	Bayou La Batre, AL	48.9	38.9
Astoria, OR	130.1	102.9	Palacios, TX	41.8	37.1
Newport, OR	102.3	93.2	Golden Meadow-Leeville, LA	44.9	36.9
Portland, ME	62.8	86.4	Port Arthur, TX	49.3	36.8
Cordova, AK	N/A	78.3	Galveston, TX	40.8	36.0
Gloucester, MA	40.1	75.3	Portland, ME	45.4	33.7
Beaufort-Morehead City, NC	68.4	67.5	Point Judith, RI	41.4	33.6
Cape May-Wildwood, NJ	59.9	66.5	Cape May-Wildwood, NJ	28.6	33.1
Sitka, AK	95.5	64.4	Cordova, AK	N/A	32.5
Moss Landing, CA	50.5	56.1	Seward, AK	35.8	30.5
Petersburg, AK	32.3	51.2	Los Angeles, CA	38.1	29.8
Point Judith, RI	59.3	48.5	Cameron, LA	47.6	29.4
Dulac-Chauvin, LA	48.2	46.2	Gloucester, MA	30.0	29.4
Atlantic City, NJ	50.4	45.5	Homer, AK	30.9	29.4
Seward, AK	28.6	43.8	Gulfport-Biloxi, MS	35.5	29.1
Ilwaco-Chinook, WA	19.8	36.1	Sitka, AK	44.6	27.9
Naknek-King Salmon, AK	63.1	33.9	Reedville, VA	29.5	27.4
Point Pleasant, NJ	38.2	32.2	Atlantic City, NJ	26.1	27.2
Wanchese-Stumpy Point, NC	33.3	31.9	Wanchese-Stumpy Point, NC	24.0	26.1
Hampton Roads Area, VA	22.7	28.1	Astoria, OR	28.0	24.3
Ketchikan, AK	57.3	27.0	Delcambre, LA	30.8	22.6
Rockland, ME	28.3	24.7	Petersburg, AK	19.4	22.4
Golden Meadow-Leeville, LA	26.9	24.1	Intracoastal City, LA	24.5	22.1
Morgan City-Berwick, LA	20.2	23.3	Newport, OR	24.6	21.2
Homer, AK	18.1	23.0	Tampa Bay-St. Petersburg, FL	20.4	20.2
Brownsville-Port Isabel, TX	29.2	22.4	Delacroix-Yscloskey, LA	20.1	19.9
Stonington, ME	15.9	22.3	Fort Myers, FL	16.5	18.7
Bellingham, WA	18.0	20.1	Point Pleasant, NJ	17.8	18.7
Honolulu, HI	27.0	20.0	Beaufort-Morehead City, NC	16.9	17.9
Galveston, TX	17.4	18.6	Bellingham, WA	15.9	16.3
Bayou La Batre, AL	23.0	18.0	Pascagoula-Moss Point, MS	16.5	16.3
Provincetown-Chatham, MA	17.5	16.6	Provincetown-Chatham, MA	13.6	15.9
Key West, FL	16.9	16.4	Grand Isle, LA	26.4	15.5
Palacios, TX	14.8	16.1	Freeport, TX	22.8	15.2
Gulfport-Biloxi, MS	14.2	14.6	Lafitte-Barataria, LA	10.8	13.4
Port Arthur, TX	17.0	14.6	Stonington, ME	18.0	13.3
Kenai, AK	13.5	14.4	Naknek-King Salmon, AK	37.3	13.2
Montauk, NY	11.7	14.3	Montauk, NY	12.7	13.1
Delacroix-Yscloskey, LA	15.5	13.4	Aransas Pass-Rockport, TX	17.8	12.6
Ocean City, MD	9.6	13.2	Port Hueneme-Oxnard-Ventura, CA	20.2	12.6
Tampa Bay-St. Petersburg, FL	11.7	12.7	Ilwaco-Chinook, WA	6.9	11.4

Notes:—To avoid disclosure of private enterprise certain leading ports have not been included to preserve confidentiality. Catches of Alaska pollock, Pacific whiting and other Pacific groundfish caught in the northeast Pacific EEZ of the U.S. and processed at-sea are not attributed to a specific U.S. port. The record landings for quantity was 848.2 million

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Alewives	1,576	297	-	-	-	-	1,576	297
Anchovies	23,000	803	19,460	619	-	-	42,460	1,422
Atka mackerel	-	-	125,874	1,710	-	-	125,874	1,710
Bluefish	4,832	1,691	3,972	1,397	-	-	8,804	3,088
Blue runner	186	136	161	70	-	-	348	206
Bonito	50	76	70	85	-	-	119	161
Butterfish	914	449	10,025	3,133	-	-	10,939	3,582
Catfish & bullheads	16,486	9,952	1	1	-	-	16,487	9,953
Chubs	1,625	1,588	-	-	-	-	1,625	1,588
Cod:								
Atlantic	959	980	32,252	31,106	-	-	33,211	32,086
Pacific	40,410	10,761	431,302	107,310	-	-	471,711	118,071
Crevalle (jack)	249	166	424	239	-	-	674	405
Croaker:								
Atlantic	17,887	5,252	10,812	2,918	-	-	28,699	8,170
Pacific (white)	145	70	157	76	-	-	301	145
Cusk	9	6	388	222	-	-	397	228
Dolphinfish	2	2	904	1,095	15	10	921	1,108
Eel, American	867	821	(2)	(2)	-	-	867	821
Flounders:								
Arrowtooth	1,732	86	29,887	1,023	-	-	31,619	1,109
Winter (blackback)	2,494	2,302	12,784	11,481	-	-	15,279	13,783
Plaice, American	765	747	8,990	8,769	-	-	9,755	9,516
Summer (fluke)	2,354	4,667	8,482	13,384	-	-	10,836	18,051
Sole:								
Dover	3,484	1,277	12,922	4,323	-	-	16,406	5,600
Flathead	280	23	35,197	1,493	-	-	35,477	1,516
Witch (gray)	989	985	3,027	3,046	-	-	4,017	4,030
Petrale	73	13	53,306	4,906	-	-	53,379	4,919
Rock	256	338	6,401	7,516	-	-	6,658	7,855
Yellowfin	-	-	121,072	8,781	-	-	121,072	8,781

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Flounders - Continued:								
Yellowtail	386	372	15,717	14,892	-	-	16,103	15,264
Atlantic/Gulf, other	4,403	7,511	267	116	-	-	4,670	7,628
Pacific, other	2,067	1,576	25,025	5,613	-	-	27,092	7,188
Total flounders	**19,283**	**19,897**	**333,077**	**85,343**	-	-	**352,363**	**105,240**
Goosefish (anglerfish)	1,967	1,602	49,329	42,556	-	-	51,296	44,159
Groupers	600	1,297	12,893	28,233	-	-	13,493	29,530
Haddock	183	211	12,662	14,303	-	-	12,845	14,513
Hakes:								
Pacific (whiting)	-	-	379,304	16,147	-	-	379,304	16,147
Red	121	35	3,697	923	-	-	3,818	958
Silver (Atl. whiting)	266	108	28,414	13,237	-	-	28,679	13,345
White	117	59	7,573	3,844	-	-	7,690	3,904
Halibut	2,758	4,160	75,289	111,126	-	-	78,047	115,285
Herring:								
Sea:								
Atlantic	54,269	3,336	180,684	10,703	-	-	234,953	14,039
Pacific	91,297	13,213	-	-	-	-	91,297	13,213
Thread	2,770	289	-	-	-	-	2,770	289
Jack mackerel	7,821	553	643	61	-	-	8,464	614
Lingcod	126	131	285	294	-	-	411	425
Mackerels:								
Atlantic	823	195	26,403	2,030	-	-	27,226	2,225
Chub	15,214	1,113	768	59	-	-	15,981	1,172
King and cero	602	808	4,236	6,087	-	-	4,839	6,895
Spanish	1,400	973	2,823	1,492	-	-	4,223	2,466
Menhaden:								
Atlantic	575,847	30,305	438	31	-	-	576,286	30,336
Gulf	910,571	56,810	254,573	15,545	-	-	1,165,144	72,354
Total menhaden	**1,486,418**	**87,115**	**255,011**	**15,576**	-	-	**1,741,430**	**102,690**
Mullets	18,509	11,317	26	15	-	-	18,535	11,332
Ocean perch:								
Atlantic	4	2	790	357	-	-	794	358
Pacific	-	-	38,997	1,692	-	-	38,997	1,692

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Pollock:								
Atlantic	80	54	8,978	6,146	-	-	9,058	6,200
Walleye (Alaska)	75,525	4,976	3,103,882	225,747	-	-	3,179,407	230,723
Rockfishes:								
Bocaccio	20	14	55	39	-	-	75	54
Canary	4	2	104	58	-	-	108	61
Chilipepper	417	239	946	542	-	-	1,362	781
Widow	257	120	5,494	2,314	-	-	5,751	2,434
Yellowtail	66	33	4,514	2,027	-	-	4,580	2,059
Other	3,096	2,455	28,937	13,314	-	-	32,033	15,769
Total rockfishes	**3,860**	**2,863**	**40,050**	**18,294**	-	-	**43,909**	**21,158**
Sablefish	5,743	10,150	38,294	70,211	-	-	44,037	80,361
Salmon:								
Chinook or king	13,112	16,843	3,477	5,684	-	-	16,588	22,527
Chum or keta	116,150	34,972	3	1	-	-	116,153	34,973
Pink	381,541	41,225	1	1	-	-	381,543	41,225
Red or sockeye	170,134	94,376	-	-	-	-	170,134	94,376
Silver or coho	37,504	15,382	910	443	-	-	38,414	15,825
Total salmon	**718,441**	**202,798**	**4,391**	**6,129**	-	-	**722,832**	**208,926**
Sardines:								
Pacific	156,651	8,548	10,280	565	-	-	166,931	9,113
Spanish	1,374	366					1,374	366
Scup or porgy	1,816	1,819	2,722	2,039	-	-	4,538	3,857
Sea bass:								
Black (Atlantic)	923	1,377	2,751	4,013	-	-	3,674	5,389
White (Pacific)	129	238	145	268	-	-	274	506
Sea trout or weakfish:								
Gray	3,474	2,206	1,536	944	-	-	5,010	3,150
Spotted	334	559	1	1	-	-	335	560
Sand (white)	82	62	34	12	-	-	116	74
Shads:								
American	3,457	994	120	26	-	-	3,578	1,020
Hickory	198	35	1	(2)	-	-	199	35

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Fish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Sharks:								
Dogfish	2,576	533	5,127	1,246	-	-	7,703	1,778
Other	871	461	7,715	5,307	138	69	8,724	5,838
Sheepshead (Atlantic)	2,665	931	12	4	-	-	2,677	935
Skates	7,854	1,065	24,384	2,883	-	-	32,237	3,948
Smelts	1,205	1,032	76	1	-	-	1,281	1,033
Snappers:								
Red	104	460	4,944	11,442	-	-	5,048	11,902
Vermillion	1	1	2,329	5,002	-	-	2,329	5,004
Unclassified	260	544	3,387	6,551	-	-	3,648	7,095
Spearfish	8	10	334	405	209	253	552	668
Spot	6,572	2,750	243	97	-	-	6,814	2,846
Striped bass	6,341	11,264	160	232	-	-	6,501	11,497
Swordfish	248	445	6,931	15,308	2,230	4,078	9,409	19,831
Tenpounder (ladyfish)	1,014	670	-	-	-	-	1,014	670
Tilefish	7	14	3,100	5,179	-	-	3,108	5,194
Trout, Rainbow	486	212	-	-	-	-	486	212
Tuna:								
Albacore	661	622	26,067	22,853	14,382	14,120	41,111	37,594
Bigeye	179	616	5,033	16,550	7,792	10,831	13,004	27,997
Bluefin	56	123	3,085	18,759	275	98	3,416	18,980
Little tunny	135	26	652	405	-	-	787	430
Skipjack	666	802	949	1,137	194,679	67,789	196,294	69,728
Yellowfin	792	1,839	8,166	16,578	67,342	33,805	76,300	52,222
Unclassified	16	29	206	364	(2)	1	223	394
Total tuna	**2,505**	**4,057**	**44,158**	**76,646**	**284,470**	**126,644**	**331,135**	**207,345**
Whitefish, lake	9,886	10,256	-	-	-	-	9,886	10,256
Wolffish, Atlantic	9	4	541	217	-	-	550	221
Yellow perch	1,411	3,382	-	-	-	-	1,411	3,382
Other marine finfishes	22,980	15,853	24,105	16,289	1,511	2,523	48,596	34,665
Other freshwater finfishes	16,037	6,047	1,124	112	-	-	17,161	6,160
Total finfish	**2,868,872**	**476,500**	**5,390,561**	**985,375**	**288,573**	**133,577**	**8,548,010**	**1,595,450**

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Shellfish	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Clams:								
Quahog (hard)	9,559	47,299	-	-	-	-	9,559	47,299
Geoduck (Pacific)	1,367	18,955	-	-	-	-	1,367	18,955
Manila (Pacific)	689	8,114	-	-	-	-	689	8,114
Ocean quahog	11,458	7,922	26,535	15,944	-	-	37,993	23,866
Softshell	3,549	19,136	-	-	-	-	3,549	19,136
Surf (Atlantic)	25,702	15,760	43,162	23,795	-	-	68,864	39,555
Other	743	5,067	-	-	-	-	743	5,067
Total clams	**53,067**	**122,253**	**69,697**	**39,739**	-	-	**122,764**	**161,992**
Conch (snails)	2,300	3,375	563	1,336	-	-	2,864	4,711
Crabs:								
Blue: Hard	151,024	132,226	10	8	-	-	151,034	132,234
Soft or peeler	7,403	28,607	-	-	-	-	7,403	28,607
Dungeness	34,192	68,633	2,239	4,629	-	-	36,431	73,262
Jonah	1,904	1,171	841	507	-	-	2,745	1,678
King	1,608	5,917	14,446	59,643	-	-	16,054	65,560
Snow (tanner):								
Opilio	-	-	24,792	38,319	-	-	24,792	38,319
Bairdi	2,011	4,184	41	72	-	-	2,052	4,256
Other	11,867	9,370	19,868	28,381	-	-	31,735	37,751
Total crabs	**210,009**	**250,108**	**62,237**	**131,559**	-	-	**272,246**	**381,667**
Crawfish, freshwater	10,310	8,212	-	-	-	-	10,310	8212
Horseshoe crab	2,642	885	221	116	-	-	2,863	1,001
Lobsters:								
American	44,315	153,948	29,322	100,386	-	-	73,637	254,334
Spiny	1,886	10,377	2,196	11,017	-	-	4,082	21,394
Mussels, blue (sea)	3,378	4,804	-	-	-	-	3,378	4,804
Oysters	32,673	80,946	-	-	-	-	32,673	80,946

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 - 200 miles					
Shellfish - Continued	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars	Thousand Pounds	Thousand Dollars
Scallops:								
Bay	6	67	-	-	-	-	6	67
Calico, Atlantic	(3)	(3)	(3)	(3)	-	-	(3)	(3)
Sea	363	1,727	46,595	173,622	-	-	46,958	175,349
Shrimp:								
New England	749	677	2,044	1,857	-	-	2,793	2,534
South Atlantic	17,267	41,935	5,744	8,176	-	-	23,010	50,111
Gulf	139,095	229,320	117,120	266,322	-	-	256,215	495,642
Pacific	9,680	8,491	32,775	11,706	-	-	42,455	20,197
Other	4	31	4	31	-	-	8	63
Total shrimp	**166,795**	**280,454**	**157,687**	288,092	-	-	**324,481**	**568,547**
Squid:								
Atlantic:								
Illex	154	36	8,684	1,902	-	-	8,838	1,937
Loligo	3,803	2,717	27,526	17,967	-	-	31,329	20,684
Pacific:								
Loligo	177,866	16,494	11,353	1053	-	-	189,219	17,547
Unclassified	126	90	2,187	197	-	-	2,313	287
Total, squid	**181,949**	**19,337**	**49,750**	**21,119**	-	-	**231,699**	**40,455**
Other shellfish	8,811	6,752	1,740	1,106	-	-	10,551	7,912
Total shellfish	**718,504**	**943,245**	**420,008**	768,092	-	-	**1,138,512**	**1,711,391**
Other								
Sea urchins	27,470	26,535	-	-	-	-	27,470	26,535
Seaweed, unclassified	81,905	681	-	-	-	-	81,905	681
Kelp (with herring eggs)	71	402	-	-	-	-	71	402
Worms	1,415	9,288	-	-	-	-	1,415	9,288
	110,861	**36,906**	-	-	-	-	**110,861**	**36,906**
Grand total, 2001	**3,698,237**	**1,456,651**	**5,810,569**	**1,753,467**	**288,573**	**133,577**	**9,797,383**	**3,343,747**
Grand total, 2000	**3,546,780**	**1,671,964**	**5,506,847**	**1,847,265**	**305,643**	**119,135**	**9,359,274**	**3,638,372**

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks, such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). The National Marine Fisheries Service estimated the distance-from-shore landings for data collected by the Service and States. Includes landings from the Great Lakes and other inland waters, but excludes Mississippi River Drainage Area States.
(2) Less than 500 LB or $500. (3) Data are confidential and included with other shellfish.
NOTE:—Data are preliminary. Totals may not agree due to roundings. Data include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States. Therefore, they will not agree with "U.S. Commercial Landings" tables beginning on page 1. Data do not include aquaculture products, except oysters or clams.

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Fish	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Alewives	715	297	-	-	-	-	715	297
Anchovies	10,433	803	8,827	619	-	-	19,260	1,422
Atka mackerel	-	-	57,096	1,710	-	-	57,096	1,710
Bluefish	2,192	1,691	1,802	1,397	-	-	3,993	3,088
Blue runner	84	136	73	70	-	-	157	206
Bonito	23	76	32	85	-	-	54	161
Butterfish	415	449	4,547	3,133	-	-	4,962	3,582
Catfish & bullheads	7,478	9,952	(2)	1	-	-	7,478	9,953
Chubs	737	1,588	-	-	-	-	737	1,588
Cod:								
Atlantic	435	980	14,629	31,106	-	-	15,064	32,086
Pacific	18,330	10,761	195,637	107,310	-	-	213,967	118,071
Crevalle (jack)	113	166	192	239	-	-	305	405
Croaker:								
Atlantic	8,113	5,252	4,904	2,918	-	-	13,018	8,170
Pacific (white)	66	70	71	76	-	-	137	145
Cusk	4	6	176	222	-	-	180	228
Dolphinfish	1	2	410	1,095	7	10	418	1,108
Eel, American	393	821	(2)	(2)	-	-	393	821
Flounders:					-	-		
Arrowtooth	786	86	13,557	1,023	-	-	14,342	1,109
Winter (blackback)	1,131	2,302	5,799	11,481	-	-	6,930	13,783
Plaice, American	347	747	4,078	8,769	-	-	4,425	9,516
Summer (fluke)	1,068	4,667	3,847	13,384	-	-	4,915	18,051
Sole:					-	-		
Dover	1,580	1,277	5,861	4,323	-	-	7,442	5,600
Flathead	127	23	15,965	1,493	-	-	16,092	1,516
Witch (gray)	449	985	1,373	3,046	-	-	1,822	4,030
Petrale	33	13	24,179	4,906	-	-	24,213	4,919
Rock	116	338	2,903	7,516	-	-	3,020	7,855
Yellowfin	-	-	54,918	8,781	-	-	54,918	8,781

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Fish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Flounders - Continued:								
Yellowtail	175	372	7,129	14,892	-	-	7,304	15,264
Atlantic/Gulf, other	1,997	7,511	121	116	-	-	2,118	7,628
Pacific, other	938	1,576	11,351	5,613	-	-	12,289	7,188
Total Flounders	**8,747**	**19,897**	**151,083**	**85,343**	-	-	**159,829**	**105,240**
Goosefish (anglerfish)	892	1,602	22,375	42,556	-	-	23,268	44,159
Groupers	272	1,297	5,848	28,233	-	-	6,120	29,530
Haddock	83	211	5,743	14,303	-	-	5,826	14,513
Hakes:								
Pacific (whiting)	-	-	172,051	16,147	-	-	172,051	16,147
Red	55	35	1,677	923	-	-	1,732	958
Silver (Atl. whiting)	121	108	12,889	13,237	-	-	13,009	13,345
White	53	59	3,435	3,844	-	-	3,488	3,904
Halibut	1,251	4,160	34,151	111,126	-	-	35,402	115,285
Herring:								
Sea:								
Atlantic	24,616	3,336	81,958	10,703	-	-	106,574	14,039
Pacific	41,412	13,213	-	-	-	-	41,412	13,213
Thread	1,256	289	-	-	-	-	1,256	289
Jack mackerel	3,548	553	292	61	-	-	3,839	614
Lingcod	57	131	129	294	-	-	186	425
Mackerels:								
Atlantic	373	195	11,976	2,030	-	-	12,350	2,225
Chub	6,901	1,113	348	59	-	-	7,249	1,172
King and cero	273	808	1,921	6,087	-	-	2,195	6,895
Spanish	635	973	1,281	1,492	-	-	1,916	2,466
Menhaden:								
Atlantic	261,202	30,305	199	31	-	-	261,401	30,336
Gulf	413,032	56,810	115,474	15,545	-	-	528,506	72,354
Total menhaden	**674,235**	**87,115**	**115,672**	**15,576**	-	-	**789,907**	**102,690**
Mullets	8,396	11,317	12	15	-	-	8,407	11,332
Ocean perch:								
Atlantic	2	2	358	357	-	-	360	358
Pacific	-	-	17,689	1,692	-	-	17,689	1,692

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Fish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Pollock:								
Atlantic	36	54	4,072	6,146	-	-	4,109	6,200
Walleye (Alaska)	34,258	4,976	1,407,912	225,747	-	-	1,442,170	230,723
Rockfishes:								
Bocaccio	9	14	25	39	-	-	34	54
Canary	2	2	47	58	-	-	49	61
Chilipepper	189	239	429	542	-	-	618	781
Widow	117	120	2,492	2,314	-	-	2,609	2,434
Yellowtail	30	33	2,048	2,027	-	-	2,077	2,059
Other	1,404	2,455	13,126	13,314	-	-	14,530	15,769
Total rockfishes	**1,751**	**2,863**	**18,167**	**18,294**	-	-	**19,917**	**21,158**
Sablefish	2,605	10,150	17,370	70,211	-	-	19,975	80,361
Salmon:								
Chinook or king	5,948	16,843	1,577	5,684	-	-	7,525	22,527
Chum or keta	52,685	34,972	1	1	-	-	52,687	34,973
Pink	173,066	41,225	-	-	-	-	173,066	41,225
Red or sockeye	77,172	94,376	(2)	(2)	-	-	77,172	94,376
Silver or coho	17,012	15,382	413	443	-	-	17,424	15,825
Total salmon	**325,883**	**202,798**	**1,992**	**6,128**	-	-	**327,874**	**208,926**
Sardines:								
Pacific	71,056	8,548	4,663	565	-	-	75,719	9,113
Spanish	623	366	-	-	-	-	623	366
Scup or porgy	824	1,819	1,235	2,039	-	-	2,058	3,857
Sea bass:								
Black (Atlantic)	419	1,377	1,248	4,013	-	-	1,667	5,389
White (Pacific)	59	238	66	268	-	-	124	506
Sea trout or weakfish:								
Gray	1,576	2,206	697	944	-	-	2,273	3,150
Spotted	152	559	(2)	1	-	-	152	560
Sand (white)	37	62	15	12	-	-	53	74
Shads:								
American	1,568	994	54	26	-	-	1,623	1,020
Hickory	90	35	(2)	(2)	-	-	90	35

See footnotes at end of table.

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Fish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Sharks:								
Dogfish	1,168	533	2,326	1,246	-	-	3,494	1,778
Other	395	461	3,500	5,307	63	69	3,957	5,838
Sheepshead (Atlantic)	1,209	931	5	4	-	-	1,214	935
Skates	3,563	1,065	11,061	2,883	-	-	14,623	3,948
Smelts	547	1,032	34	1	-	-	581	1,033
Snappers:								
Red	47	460	2,243	11,442	-	-	2,290	11,902
Vermillion	(2)	1	1,056	5,002	-	-	1,056	5,004
Unclassified	118	544	1,536	6,551	-	-	1,654	7,095
Spearfish	4	10	152	405	95	253	250	668
Spot	2,981	2,750	110	97	-	-	3,091	2,846
Striped bass	2,876	11,264	73	232	-	-	2,949	11,497
Swordfish	112	445	3,144	15,308	1,012	4,078	4,268	19,831
Tenpounder (ladyfish)	460	670	-	-	-	-	460	670
Tilefish	3	14	1,406	5,179	-	-	1,409	5,194
Trout, Rainbow	220	212	-	-	-	-	220	212
Tuna:								
Albacore	300	622	11,824	22,853	6,524	14,120	18,647	37,594
Bigeye	81	616	2,283	16,550	3,534	10,831	5,899	27,997
Bluefin	25	123	1,399	18,759	125	98	1,549	18,980
Little tunny	61	26	296	405	-	-	357	430
Skipjack	302	802	430	1,137	88,306	67,789	89,038	69,728
Yellowfin	359	1,839	3,704	16,578	30,546	33,805	34,609	52,222
Unclassified	7	29	93	364	(2)	1	101	394
Total tuna	**1,136**	**4,057**	**20,030**	**76,646**	**129,035**	**126,644**	**150,201**	**207,345**
Whitefish, lake	4,484	10,256	-	-	-	-	4,484	10,256
Wolffish, Atlantic	4	4	245	217	-	-	249	221
Yellow perch	640	3,382	-	-	-	-	640	3,382
Other marine finfishes	10,424	15,853	10,934	16,289	685	2,523	22,043	34,665
Other freshwater finfishes	7,274	6,047	510	112	-	-	7,784	34,665
Total finfish	**1,301,312**	**476,500**	**2,445,142**	**985,374**	**130,896**	**133,577**	**3,877,352**	**1,595,450**

See footnotes at end of table

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Shellfish	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Clams:								
Quahog (hard)	4,336	47,299	-	-	-	-	4,336	47,299
Geoduck (Pacific)	620	18,955	-	-	-	-	620	18,955
Manila (Pacific)	313	8,114	-	-	-	-	313	8,114
Ocean quahog	5,197	7,922	12,036	15,944	-	-	17,234	23,866
Softshell	1,610	19,136	-	-	-	-	1,610	19,136
Surf (Atlantic)	11,658	15,760	19,578	23,795	-	-	31,237	39,555
Other	337	5,067	-	-	-	-	337	5,067
Total clams	**24,071**	**122,253**	**31,614**	**39,739**	-	-	**55,685**	**161,992**
Conch (snails)	1,043	3,375	255	1,336	-	-	1,299	4,711
Crabs:								
Blue: Hard	68,504	132,226	5	8	-	-	68,509	132,234
Soft or peeler	3,358	28,607	-	-	-	-	3,358	28,607
Dungeness	15,509	68,633	1,016	4,629	-	-	16,525	73,262
Jonah	864	1,171	381	507	-	-	1,245	1,678
King	729	5,917	6,553	59,643	-	-	7,282	65,560
Snow (tanner):								
Opilio	-	-	11,246	38,319	-	-	11,246	38,319
Bairdi	912	4,184	19	72	-	-	931	4,256
Other	5,383	9,370	9,012	28,381	-	-	14,395	37,751
Total crabs	**95,259**	**250,108**	**28,231**	**131,559**	-	-	**123,490**	**381,667**
Crawfish, freshwater	4,677	8,212	-	-	-	-	4,677	8,212
Horseshoe crab	1,198	885	100	116	-	-	1,299	1,001
Lobsters:								
American	20,101	153,948	13,300	100,386	-	-	33,402	254,334
Spiny	855	10,377	996	11,017	-	-	1,852	21,394
Mussels, blue (sea)	1,532	4,804	-	-	-	-	1,532	4,804
Oysters	14,820	80,946	-	-	-	-	14,820	80,946

See footnotesat end of table.

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 2001 (1)

Species	Distance from U.S. shores				High Seas or off Foreign Shores		Total U.S. Landings	
	0 to 3 miles		3 to 200 miles					
Shellfish - Continued	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars	Metric Tons	Thousand Dollars
Scallops:								
Bay.	3	67	-	-	-	-	3	67
Calico, Atlantic	(3)	(3)	(3)	(3)	-	-	(3)	(3)
Sea	165	1,727	21,135	173,622	-	-	21,300	175,349
Shrimp:								
New England	340	677	927	1,857	-	-	1,267	2,534
South Atlantic	7,832	41,935	2,605	8,176	-	-	10,438	50,111
Gulf	63,093	229,320	53,125	266,322	-	-	116,218	495,642
Pacific	4,391	8,491	14,867	11,706	-	-	19,257	20,197
Other	2	3	2	3	-	-	4	63
Total shrimp	**75,658**	**280,426**	**71,526**	**288,064**	-	-	**147,184**	**568,547**
Squid:								
Atlantic:								
Illex	70	36	3,939	1,902	-	-	4,009	1,937
Loligo	1,725	2,717	12,486	17,967	-	-	14,211	20,684
Pacific:								
Loligo	80,679	16,494	5,150	1,053	-	-	85,829	287
Unclassified	57	90	-	-	-	-	57	90
Total, squid	**82,532**	**19,337**	**22,566**	**21,119**	-	-	**104,106**	40,455
Other shellfish	3,997	6,752	789	1,106	-	-	4,786	7,912
Total shellfish	**325,911**	**943,245**	**190,514**	**768,092**	-	-	**516,426**	**1,711,391**
Other								
Sea urchins	12,460	26,535	-	-	-	-	12,460	26,535
Seaweed, unclassified	37,152	681	-	-	-	-	37,152	681
Kelp (with herring eggs)	32	402	-	-	-	-	32	402
Worms	642	9,288	-	-	-	-	642	9,288
Total other	**50,286**	**36,906**	-	-	-	-	**50,286**	**36,906**
Grand total, 2001	**1,677,509**	**1,456,651**	**2,635,657**	**1,753,466**	**130,896**	**133,577**	**4,444,064**	**3,343,747**
Grand total, 2000	**1,608,809**	**1,671,964**	**2,497,889**	**1,847,265**	**138,639**	**119,135**	**4,245,337**	**3,638,372**

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks, such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). The National Marine Fisheries Service estimated the distance-from-shore landings for data collected by the Service and States. Includes landings from the Great Lakes and other inland waters, but excludes Mississippi River Drainage Area States.
(2) Less than .5 MT or $500. (3) Data are confidential and included with other shellfish.
NOTE:—Data are preliminary. Totals may not agree due to roundings. Data include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States. Therefore, they will not agree with "U.S. Commercial Landings" tables beginning on page 1. Data do not include aquaculture products, except oysters or clams.

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 2001 (1)

Group / Species	Puerto Rico		Guam	
Fish	Pounds	Dollars	Pounds	Dollars
Ballyhoo	61,334	78,814	-	-
Barracuda	20,253	29,468	9,559	20,506
Billfish:				
Marlin	-	-	33,759	38,687
Sailfish	-	-	1,238	1,450
Spearfish	-	-	111	138
Dolphin (Mahi mahi)	114,473	235,814	117,814	223,673
Emperors	-	-	6,987	19,262
Goatfish	22,901	38,817	-	-
Groupers:				
Red hind	74,423	162,242	-	-
Nassau	19,250	35,228	-	-
Other	66,152	144,873	1,667	4,695
Grunts:				
Margate	437	656	-	-
Other	157,565	217,440	-	-
Hogfish	74,787	169,206	-	-
Jacks:				
Amberjack	-	-	524	1,340
Bigeye Scad	-	-	11,579	23,089
Black jack	-	-	124	307
Rainbow Runner	-	-	3,726	8,018
Other	100,943	139,049	2,634	6,299
Mackerel, king and cero	193,426	368,477	-	-
Mojarra	20,612	30,660	-	-
Mullet	62,781	75,494	78	166
Parrotfish	102,561	141,791	185	406
Pomfrets	-	-	226	544
Rabbitfish	-	-	15	46
Scup or porgy	36,899	53,504	-	-
Sharks, other	48,053	76,404	18	44
Snappers:				
Ehu	-	-	694	2,767
Gindai (Flower Snap)	-	-	1,010	4,036
Kalikali	-	-	2,266	7,149
Lane	188,478	408,055	-	-
Lehi	-	-	1,458	5,803
Mutton	92,560	198,773	-	-
Onaga	-	-	4,013	17,743
Opakapaka	-	-	989	3,954
Silk	294,715	861,305	-	-
Uku (Gray Snapper)	-	-	822	2,147
Yellowtail	340,097	721,006	-	-
Other	120,124	260,969	376	945
Total snappers	**1,035,974**	**2,450,107**	**11,628**	**44,544**
Snook	49,370	86,151	-	-
Spanish sardine	26,969	31,217	-	-
Squirrelfish	18,367	21,398	-	-
Surgeonfishes:				
Unicornfish	-	-	69	174
Other	-	-	16	49
Tarpon	2,186	1,049	-	-
Triggerfish	62,210	94,715	-	-
Trunkfish (boxfish)	79,326	149,133	-	-

(Continued)

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 2001 (1) - Continued

Group / Species	Puerto Rico		Guam	
Fish	Pounds	Dollars	Pounds	Dollars
Tuna:				
Dogtooth	-	-	4,596	5,961
Kawakawa	-	-	3	4
Skipjack	-	-	131,622	165,099
Yellowfin	-	-	31,278	62,767
Unclassified	146,492	193,369	-	-
Total tuna	**146,492**	**193,369**	**167,499**	**233,831**
Wahoo	-	-	51,194	112,317
Wrasse (Hogfish)	-	-	1,606	3,929
Other marine finfishes	230,530	343,510	187,695	543,101
Total fish	**2,828,274**	**5,368,584**	**609,951**	**1,286,615**
Shellfish, et al				
Crabs, other	6,265	96,011	3	11
Lobster, spiny	313,366	1,754,066	1,296	4,966
Conch (snail) meats	272,151	674,254	-	-
Oysters	1,587	5,217	-	-
Octopus	37,759	97,229	3,379	9,469
Shellfish, other	14,747	44,388	41	115
Total shellfish, et al.	**645,875**	**2,671,167**	**4,719**	**14,561**
Grand total	**3,474,149**	**8,039,751**	**614,670**	**1,301,176**

Group / Species	American Samoa		Northern Marianas Islands	
Fish	Pounds	Dollars	Pounds	Dollars
Barracudas	908	1,958	-	-
Billfishes:				
Marlin	10,307	11,494	1,924	2,702
Sailfish	2,245	2,402	91	183
Dolphin (mahimahi)	36,306	57,592	14,229	30,609
Emperors				
Longnose	556	1,112	-	-
Redgill	2,418	4,867	-	-
Others	10,280	20,559	16,987	50,943
Goatfish	-	-	2,945	9,134
Groupers:				
Lunartail	1,459	3,034	-	-
Other	1,244	2,456	7,719	19,928
Jacks:				
Bigeye Scad	321	691	28,715	77,217
Bigeye trevally	716	1,570	-	-
Black jack	633	1,161	-	-
Rainbow runner	193	385	2,134	5,735
Rudderfish	46	91	1,660	5,344
Other	16	43	3,761	11,258
Moonfish (Opah)	1,311	1,310	-	-
Mullet	23	46	-	-
Oilfish	224	336	-	-
Parrotfishes	6,731	13,338	28,294	90,302
Pomfrets	2,303	5,758	404	719
Rabbitfish	-	-	8,408	28,691
Snappers:				
Blue lined snapper	5,708	11,416	-	-
Ehu	3,135	8,137	8	23
Gindai (flower snapper)	226	549	1,916	5741

(Continued)

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 2001 (1) - Continued

Group / Species	American Samoa		Northern Marianas Islands	
Fish	Pounds	Dollars	Pounds	Dollars
Gray jobfish	1,719	3,437	-	-
Humpback	3,491	6,982	-	-
Lehi (silverjaw)	829	2,496	2,585	8,611
Onaga	3,141	5,876	16,358	59,661
Opakapaka	343	739	3,951	13,633
Yellow opakapaka	1,612	4,655	-	-
Snappers, other	605	1,494	425	1,243
Total snappers	**20,809**	**45,781**	**25,243**	**88,912**
Squirrelfish	932	1,847	2,135	6,859
Surgeonfishes:				
Unicornfishes	1,089	1,131	12,156	37,049
Other	5,003	10,006	9,698	29,874
Swordfish	1,663	3,542	-	-
Tunas:				
Albacore	6,833,165	6,848,762	-	-
Bigeye	160,672	93,200	-	-
Dogtooth	1,216	1,775	3,445	7,203
Kawakawa	3	3	3,610	7,389
Skipjack	123,846	45,840	133,884	261,924
Yellowfin	397,288	259,869	14,526	30,703
Other	-	-	223	278
Total, tuna	**7,516,190**	**7,249,449**	**155,688**	**307,497**
Wahoo	102,651	101,574	4,550	10,775
Wrasses	-	-	923	2,787
Other finfishes	27	53	100,803	237,315
Total fish	**7,726,604**	**7,543,586**	**428,467**	**1,053,833**
Shellfish, et al				
Crabs	134	201	-	-
Lobster, spiny	1,485	5,052	4,733	27,276
Octopus	171	355	704	1,757
Total shellfish, et al.	**1,790**	**5,608**	**5,437**	**29,033**
Grand total	**7,728,394**	**7,549,194**	**433,904**	**1,082,866**

(1) Data in this table are preliminary and represent the latest information available.

ESTIMATED U.S. AQUACULTURE PRODUCTION, 1995 - 2000

Species	1995			1996		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:						
Baitfish	21,759	9,870	72,522	20,849	9,457	70,254
Catfish	446,886	202,706	351,222	472,123	214,154	364,951
Salmon	31,315	14,204	75,991	30,657	13,906	60,995
Striped bass	8,315	3,772	21,156	7,850	3,561	20,308
Tilapia	15,075	6,838	22,613	15,965	7,242	23,948
Trout	55,934	25,371	61,447	53,620	24,322	56,958
Shellfish:						
Clams	4,325	1,962	19,709	3,834	1,739	20,315
Crawfish	58,146	26,375	34,714	46,584	21,130	34,820
Mussels	410	186	1,221	986	447	5,085
Oysters	23,221	10,533	70,628	18,546	8,412	64,368
Shrimp (SW)	2,205	1,000	8,818	2,866	1,300	11,464
Miscellaneous	23,359	10,596	75,243	19,813	8,987	152,169
Totals	**690,950**	**313,413**	**815,284**	**693,693**	**314,657**	**885,635**

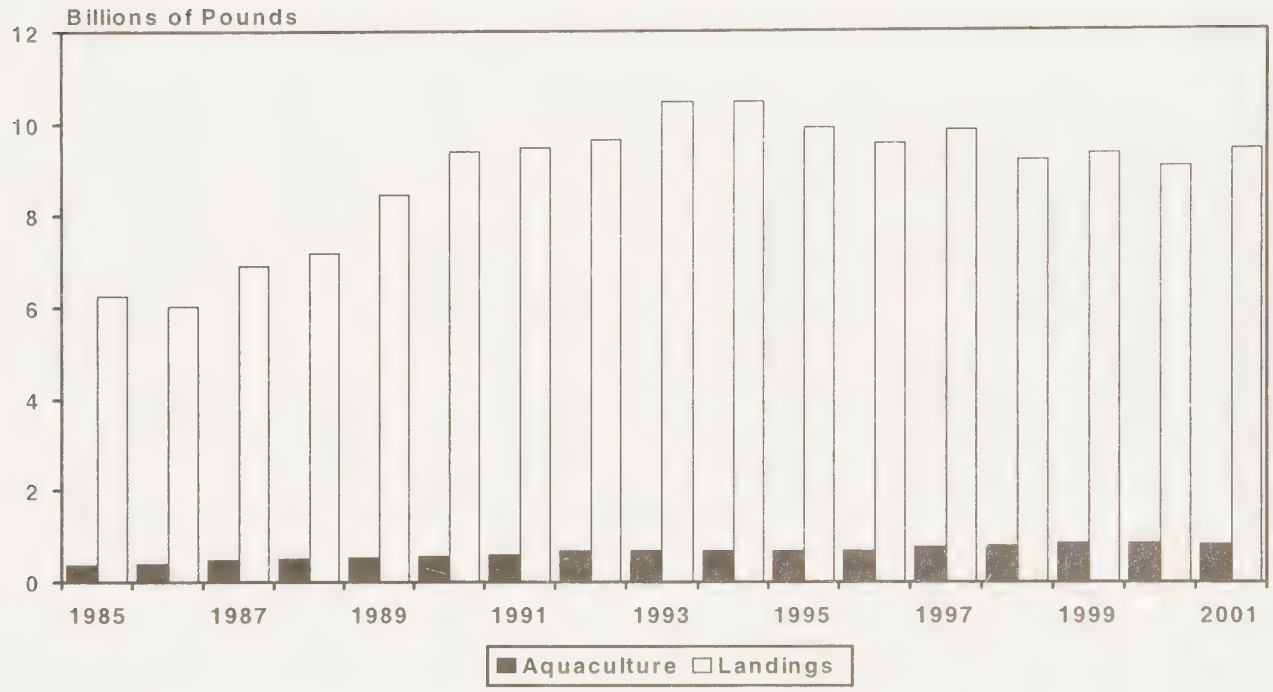
Species	1997			1998		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:						
Baitfish	19,929	9,040	73,580	16,389	7,434	57,392
Catfish	524,949	238,115	372,497	564,355	255,990	419,094
Salmon	39,745	18,028	65,053	32,017	14,523	62,694
Striped bass	8,400	3,810	21,783	9,385	4,257	24,128
Tilapia	16,860	7,648	29,505	18,191	8,251	27,287
Trout	56,710	25,723	60,212	55,103	24,995	59,710
Shellfish:						
Clams	9,243	4,193	26,753	9,735	4,416	29,612
Crawfish	49,232	22,331	29,300	37,945	17,212	23,649
Mussels	597	271	3,365	527	239	2,801
Oysters	15,737	7,138	39,031	18,157	8,236	47,951
Shrimp (SW)	2,646	1,200	10,582	4,409	2,000	17,637
Miscellaneous	22,625	9,930	177,994	23,495	10,657	166,688
Totals	**766,673**	**347,761**	**909,655**	**789,708**	**358,209**	**938,643**

Species	1999			2000		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:						
Baitfish	16,389	7,434	57,392	13,954	6,329	45,790
Catfish	596,628	270,629	438,936	593,603	269,257	445,919
Salmon	39,114	17,742	76,778	49,372	22,395	99,208
Striped bass	9,734	4,415	21,927	11,237	5,097	29,513
Tilapia	17,750	8,051	26,625	20,000	9,072	30,000
Trout	60,283	27,344	64,954	59,164	26,837	63,690
Shellfish:						
Clams	10,683	4,846	42,051	9,929	4,504	32,595
Crawfish	42,889	19,454	28,267	17,025	7,722	27,626
Mussels	531	241	799	424	192	525
Oysters	18,662	8,465	55,635	16,822	7,630	42,419
Shrimp (SW)	4,625	2,098	13,706	4,782	2,169	14,559
Miscellaneous	24,694	11,201	160,010	26,207	11,887	140,989
Totals	**841,982**	**381,921**	**987,080**	**822,519**	**373,092**	**972,833**

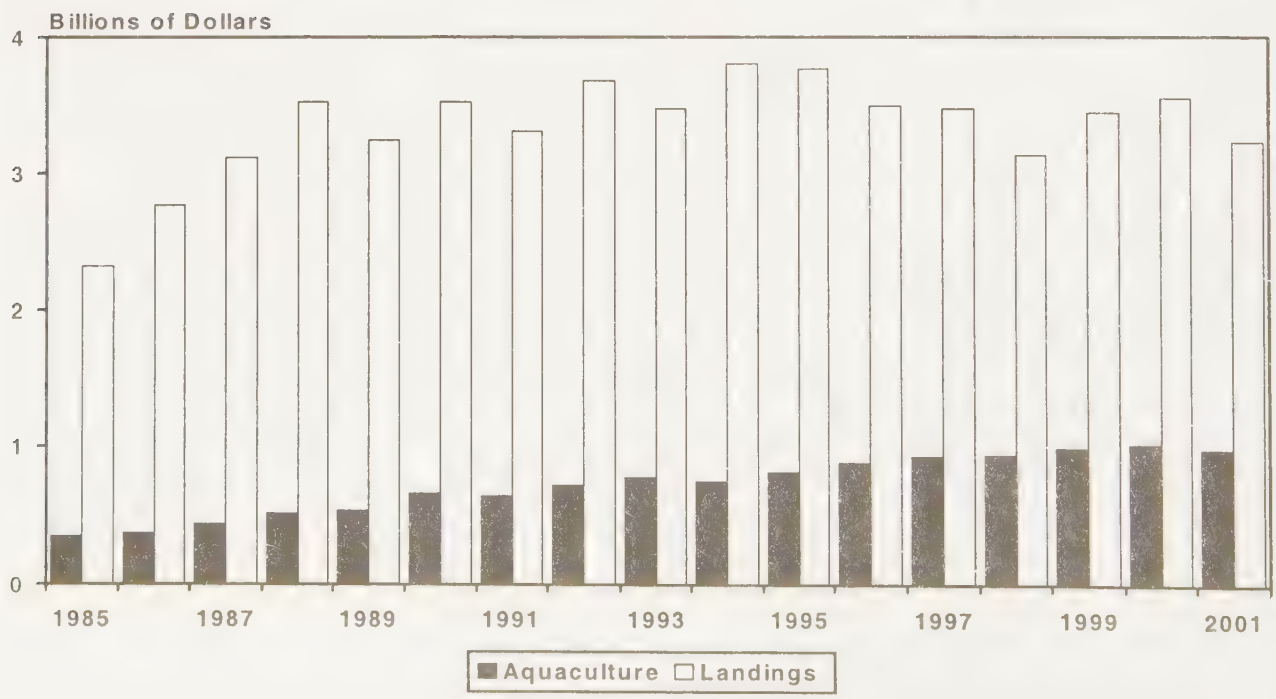
Note:--Table may not add due to rounding. Clams, oysters and mussels are reported as meat weights (excludes shell) while other identified species such as shrimp and finfishes are reported as whole (live) weights. Some clam and oyster aquaculture production are reported with U.S. commercial landings. Weights and values represent the final sales of products to processors and dealers. (1) "Miscellaneous" includes ornamental/tropical fish, alligators, algae, aquatic plants, eels, scallops, crabs, and others. The high value and low production of "Miscellaneous" occurs because production value, but not weight, are reported for many

Volume of Domestic Commercial Landings and Aquaculture Production

Note: The 2001 aquaculture production is estimated

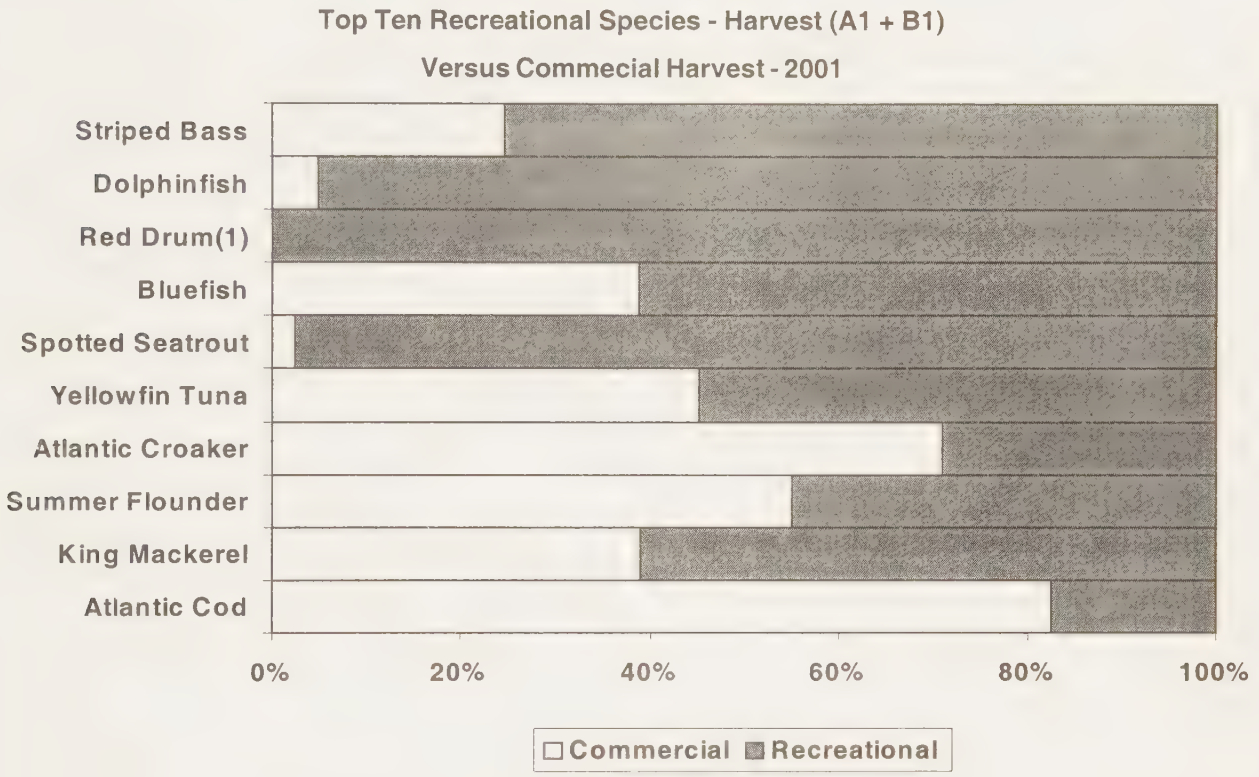


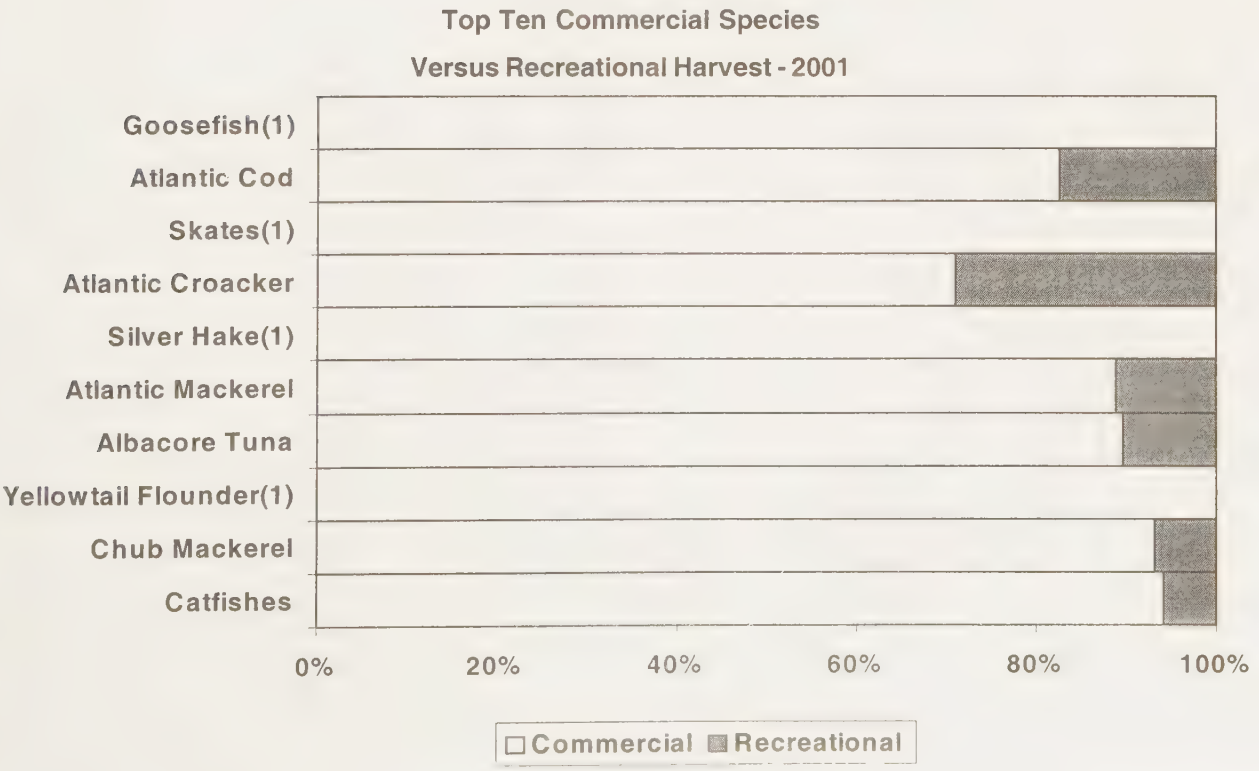
Value of Domestic Commercial Landings and Aquaculture Production



U.S. Commercial Landings

Comparisons between the top ten species in descending order of abundance by weight for U.S. commercial landings and recreational fish harvests. Does not include data for Alaska, Hawaii and Texas because no NMFS recreational surveys are conducted in those states. Menhaden, Pacific Hake, Atlantic Sea Herring , Pacific Sardine and Anchovy were excluded from commercial landings because they are industrial fisheries and recreational anglers do not target them.





(1) Less then 1 percent

DATA COLLECTION. Detailed information on marine recreational fishing is required to support a variety of fishery management and development purposes and is mandated by the Sustainable Fisheries Act, Public Law 94-265. In 1979, NMFS began the comprehensive Marine Recreational Fishery Statistical Survey (MRFSS). Although the recreational harvest is only about 6 percent of the total U.S. harvest of finfish for states covered by the MRFSS (see MRFSS coverage on page 28), the fishing activities of millions of marine anglers are important to monitor because they are directed at relatively few species. Data collected through the MRFSS show that recreational fishing significantly impacts the stocks of many marine finfish species. Recreational catches even surpass commercial landings of some species (see figure on preceding page).

METHODS. The MRFSS consists of a telephone survey of coastal county households and a field intercept survey of completed angler fishing trips. The telephone survey collects data on the number of marine recreational fishing trips by residents of coastal counties. The intercept survey collects data on the proportion of fishing trips by residents of non-coastal counties, the species composition of catches, catch rates by species, and lengths and weights of landed fish. These data are combined to produce estimates of catch and effort. Catch estimates are separated into two categories – harvested catch and catch released alive. Harvested catch includes landed fish, catch used for bait, and catch released dead. Whenever possible MRFSS field interviewers identify, count, weigh, and measure landed fish that are available in whole form (catch type A). Angler reports are obtained for catch released alive (catch type B2) and for all other harvested catch (catch type B1), such as catch released dead, used for bait, or landed as fillets. Catch estimates are stratified by subregion, state, wave (bimonthly sampling period), species, fishing mode (private/rental boat, party/charter boat, and shore), primary area fished, and catch type. In addition, economic data are obtained and estimates of participation are produced.

The MRFSS was conducted in 2001 in all coastal states except Texas and Alaska. In addition, sampling was conducted in the U.S. territory of Puerto Rico, and a pilot study was initiated in the Hawaiian Islands. Sampling coverage varies across the time series (see MRFSS coverage on page 28). Detailed information and access to the data are available on the Fisheries Statistics and Economics web page (http://www.st.nmfs.gov/st1/recreational/). Data from other NMFS and state surveys (e.g. southeast head boats, Texas, California Passenger Fishing Vessels, Oregon/Washington ocean boats, Pacific salmon, Alaska) are not included in this report.

DATA TABLES. The estimated harvests (numbers and weight of fish) for the continental U.S. (excluding Texas, Alaska, Hawaii, Puerto Rico, and the U.S. Virgin Islands) are presented for 128 commonly caught species. Numbers of fish harvested and released alive are also presented for many important species groups. Estimated harvests are presented by subregion and primary fishing area: inland [sounds, rivers, bays], state territorial seas [ocean to 3 miles from shore, except for Florida's Gulf coast, where state territorial seas extend to 10 miles from shore], and Exclusive Economic Zone (EEZ) [ocean from the outer edge of the state territorial seas to 200 miles from shore]. The total numbers of estimated trips and participants are presented by state.

2001 MRFSS DATA. In 2001, over 12 million people made 84 million marine recreational fishing trips to the Atlantic, Gulf and Pacific coasts. The estimated total marine recreational catch was 442 million fish, of which over 57 percent were released alive. The estimated total weight of harvested catch was 266 million pounds. The Atlantic coast accounted for the majority of total marine angling participation (53 percent), trips (63 percent), and catch (55 percent). The Gulf coast (excluding Texas, see MRFSS coverage page) accounted for 25 percent of participation, 27 percent of trips, and 37 percent of the catch. The Pacific coast accounted for about 21 percent of participants, 12 percent of trips, and 8 percent of the catch. Nationally, most (57 percent in numbers of fish) of the recreational catch came from inland waters, 31 percent from state territorial seas, and 12 percent from the EEZ. The majority of Atlantic, Gulf and Pacific trips fished primarily in inland waters.

ATLANTIC. In 2001, over 6.4 million marine recreational fishing participants took over 53 million trips and caught a total of more than 244 million fish. Twenty-four percent of the trips were made in east Florida, followed by 14 percent in New Jersey, 13 percent in North Carolina, 9 percent in New York, 9 percent in Massachusetts, 8 percent in Virginia, and 7 percent in Maryland. Together, Connecticut, Rhode Island, and South Carolina accounted for 9 percent of the trips (3 percent each), and Delaware, Maine, Georgia, and New Hampshire accounted for the remaining 6 percent. The most commonly caught non-bait species (in numbers of fish) were summer flounder, Atlantic croaker, bluefish, black

sea bass, and striped bass. The largest harvests by weight were striped bass, dolphin, bluefish, summer flounder, and yellowfin tuna.

The total annual catch of striped bass increased steadily and dramatically from 1.8 million fish in 1990 to 17.5 million fish in 1997. After increasing from 14.1 million fish in 1999 to nearly 19 million fish in 2000, striped bass catch declined slightly to 15.6 million fish in 2001. Over 86 percent of the striped bass caught in 2001 were released alive. Annual summer flounder catch has increased from 9.1 million fish in 1990 to over 28 million fish in 2001. Bluefish catch decreased from 16-18 million in 1990-1991 to levels varying between 9 and 13 million from 1992 through 1999, but reached 16 million in 2000, and over 20 million in 2001. Black sea bass catch, which varied between 6 and 16 million fish from 1990 through 1999, exceeded 18 million in 2000, but returned to around 16 million fish in 2001.

The species most commonly caught on Atlantic coast trips that fished primarily in federally managed waters were black sea bass, dolphin, Atlantic cod, summer flounder, Atlantic mackerel, and bluefish. Thirty percent of the total Atlantic catch came on saltwater trips that fished primarily in the state territorial seas, and 59 percent came on trips that fished primarily in inland waters.

GULF OF MEXICO. In 2001, over 3 million marine recreational fishing participants took over 22.8 million trips and caught a total of 163 million fish (excluding Texas). About 72 percent of the trips were made in west Florida, followed by 16 percent in Louisiana, 7 percent in Alabama, and 5 percent in Mississippi. The most commonly caught non-bait species (numbers of fish) were spotted seatrout, red drum, white grunt, blue runner, sand seatrout, Spanish mackerel, and Atlantic croaker. The largest harvests by weight were for red drum, spotted seatrout, sheepshead, red snapper, Spanish mackerel, king mackerel, and dolphin.

Red snapper catch has varied over the last ten years between 1.5 (1991 and 1995) and 3.2 (1999) million fish, with a total catch of over 2.6 million in 2001. King mackerel catch has varied between 420,000 (1999) and 750,000 (1991, 1996) over the last ten years, with a catch near the 10-year mean (580,000) in 2001. Spotted seatrout catch has varied between 19 million (1993, 1994, 1996) and 28 million (2001) over the last ten years, with a catch of over 20 million in 2001. Red drum catch remained high, falling only slightly to 8.3 million in 2001 from a 10-year high of 8.7 million in 2000.

The species most commonly caught on Gulf of Mexico trips that fished primarily in federally managed waters were white grunt, red snapper, black sea bass, dolphin, and greater amberjack. Thirty percent of the total Gulf catch came on trips that fished primarily in the state territorial seas, and 60 percent came on trips that fished primarily in inland waters.

PACIFIC. In 2001, more than 2.5 million marine recreational fishing participants took over 9.6 million trips and caught a total of 35 million fish. Sixty-five percent of the trips were made in CA, followed by 23 percent in WA, and 12 percent in OR. The most commonly caught non-bait species (in numbers of fish) were surf smelt, barred sand bass, kelp bass, black rockfish, California halibut, white croaker, Pacific barracuda, and lingcod. By weight, the largest harvests were black rockfish, barred sand bass, California halibut, yellowtail, Pacific barracuda, lingcod, and blue rockfish.

Total annual catch of lingcod, which has varied between 240,000 (1995) and 584,000 (2000) fish from 1993 through 2000, exceeded 580,000 fish in 2001. Most of this increase was due to fish released alive. Total black rockfish catch, which has varied between 600,000 (1997) and 1.4 million (2000) fish since 1993, exceeded 1.2 million fish in 2001.

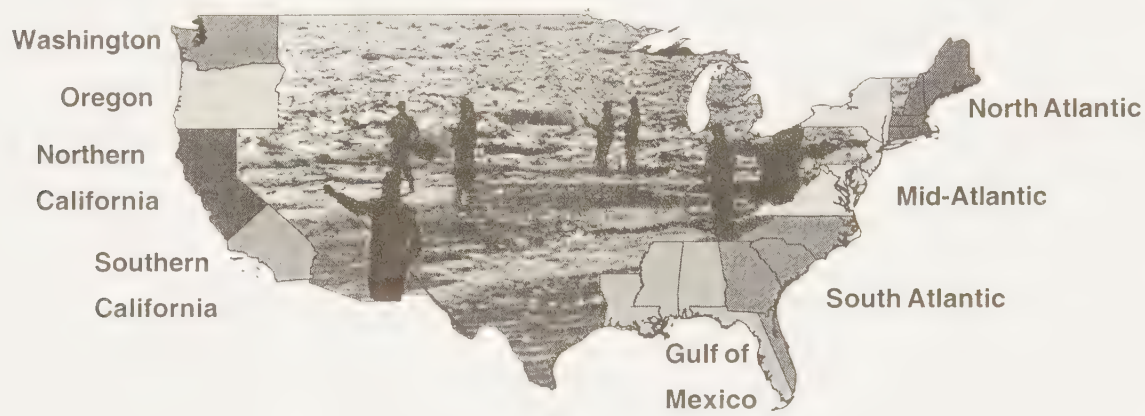
The most commonly caught Pacific coast species in federally managed waters were barred sand bass, kelp bass, sanddabs, Pacific barracuda, California scorpionfish, California halibut, yellowtail rockfish, bocaccio, and black rockfish. Fifty percent of the total Pacific catch came from trips that fished primarily in the state territorial seas, and 35 percent came from trips that fished primarily in inland waters.

PUERTO RICO. In 2001, about 220,000 marine recreational participants took 1.4 million trips and caught a total of about 2.2 million fish. The most commonly caught non-bait species (in numbers of fish) were dolphin (121,000 fish) and lane snapper (80,780 fish). Estimated fishing participation, effort and catch data for Puerto Rico have not been included in the tables.

Coverage of Marine Recreational Fishery Statistics Survey

1979-2001

The Marine Recreational Fishery Statistics Survey provides coverage of saltwater sport fishing (including estuarine and brackish water) from private/rental boats, charter and head boats, and the shore. In 2001, the Survey included the Atlantic coast (Maine-East Florida), Gulf coast (Louisiana-West Florida), Pacific coast (Washington through California), Puerto Rico and Hawaii.



Care is advised when comparing catch estimates for the MRFSS time series because of differences in sampling coverage.

- In the South Atlantic and Gulf sub-regions (NC-LA) the MRFSS has not collected catch data from head boats since 1985, so estimates for these sub-regions now only include charter boats in the for-hire sector.
- Marine recreational fishing in Texas is monitored by the Texas Department of Parks and Wildlife and has not been surveyed by the MRFSS since 1985.
- Prior to 1998, on the Pacific coast, ocean boat trips and salmon trips were not sampled during certain waves because they were surveyed by state natural resource agencies.
- Alaska conducts an annual mail survey and has never been surveyed by the MRFSS.
- West Pacific U.S. territories have not been surveyed by the MRFSS since 1981.
- Hawaii was not surveyed between 1981 and 2001.
- The U.S. Caribbean was not surveyed between 1981 and 2000.

Historically, only about 5 percent of the annual recreational catch on the Atlantic and Gulf coasts is taken during Wave 1 (January - February). Costs to sample these months are very high due to low fishing activity. Therefore, in Jan/Feb of 1981 the MRFSS was not conducted in any region. In 1982, Jan/Feb data collection resumed on the Pacific and Gulf Coasts and also on the Atlantic Coast of Florida. With a few exceptions (GA 1985-1989, SC 1988, NC 1988-1992), the MRFSS has not been conducted in Jan/Feb on the Atlantic Coast north of Florida since 1980.

Exceptions to MRFSS Coverage:

Nov/Dec (ME & NH) - 1987 to present

Mar/Apr (ME & NH) - 1986 to present

Jan/Feb (No. CA-OR) - 1994

Jan/Feb (So. CA-OR) - 1995

Nov/Dec (OR) - 1994

All Waves (CA-WA) - 1990 to 1993

All Waves (WA) - 1993 to 1994

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2000 AND 2001

Species	2000			2001			Average (1997-01)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Anchovies**							
Northern Anchovy	(1)	(1)	419	44	20	579	20
Other Anchovies	(1)	(1)	8	(1)	(1)	(1)	(1)
Barracudas	929	421	135	1,327	602	163	1,266
Bluefish	10,945	4,965	5,048	13,930	6,318	7,016	12,165
California Scorpionfish	268	122	230	304	138	293	252
Cartilaginous Fishes							
Dogfish Sharks**	317	144	75	202	92	69	347
Skates/Rays**	176	80	137	113	51	85	170
Other Sharks**	3,244	1,471	336	2,211	1,003	379	2,830
Catfishes**							
Freshwater Catfishes	379	172	239	162	74	118	445
Saltwater Catfishes	1,091	495	683	987	448	629	989
Cods And Hakes							
Atlantic Cod	5,132	2,328	812	7,054	3,200	1,118	4,075
Pacific Cod	(1)	(1)	(1)	2	1	1	1
Pacific Hake	(1)	(1)	(1)	(1)	(1)	(1)	1
Pacific Tomcod	1	(1)	6	(1)	(1)	2	1
Pollock	874	396	437	1,424	646	356	642
Red Hake	17	8	101	19	8	58	142
Other Cods/Hakes	478	217	151	512	232	168	277
Croakers							
California Corbina	6	3	7	5	2	14	15
Queenfish	35	16	121	6	3	76	16
White Croaker	153	69	372	108	49	389	182
Other Croakers	630	286	94	598	271	172	430
Dolphins**	16,364	7,423	2,539	16,121	7,312	2,088	16,211
Drums							
Atlantic Croaker	10,516	4,770	12,494	11,762	5,335	14,681	9,244
Black Drum	5,061	2,296	1,320	3,648	1,654	990	3,180
Kingfishes	2,936	1,332	5,474	3,797	1,722	7,456	2,523
Red Drum	15,860	7,194	3,672	14,802	6,714	3,475	12,801
Sand Seatrout	2,685	1,218	4,508	1,906	864	3,308	2,144
Silver Perch	96	44	654	61	27	404	82
Spot	2,105	955	5,010	3,605	1,635	7,308	2,632
Spotted Seatrout	16,672	7,562	12,946	13,685	6,208	10,200	12,890
Weakfish**	4,155	1,885	2,089	2,723	1,235	1,527	3,552
Other Drum	127	58	448	38	17	278	133
Eels**	17	8	56	4	2	54	11
Flounders							
California Halibut**	1,569	712	168	1,510	685	202	1,238
Gulf Flounder	280	127	169	306	139	212	244
Rock Sole	15	7	19	7	3	12	16
Sanddabs	284	129	840	146	66	451	153
Southern Flounder	1,668	757	1,023	1,713	777	1,128	1,514
Starry Flounder	12	5	8	23	11	14	14
Summer Flounder	16,515	7,491	7,820	11,660	5,289	5,307	12,195
Winter Flounder	2,021	917	1,459	1,304	592	964	1,265
Other Flounders**	507	230	258	321	146	168	632

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2000 AND 2001

Species	2000			2001			Average (1997-01)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Greenlings							
Kelp Greenling	167	76	153	178	81	153	148
Lingcod	1,306	592	139	983	446	113	1,170
Other Greenlings	21	10	31	28	13	28	16
Grunts							
Pigfish	367	167	1,128	581	264	1,552	409
White Grunt	1,777	806	2,112	2,550	1,157	2,772	1,711
Other Grunts	158	72	608	193	87	463	312
Herrings**	565	256	29,572	1,179	535	34,272	1,054
Jacks							
Blue Runner	1,732	786	2,057	2,309	1,047	3,160	1,386
Crevalle Jack	1,753	795	601	2,116	960	812	1,540
Florida Pompano	780	354	650	808	366	614	668
Greater Amberjack	1,850	839	92	1,895	859	135	1,887
Yellowtail	2,303	1,045	164	1,190	540	87	2,646
Other Jacks	608	276	1,834	436	198	2,987	502
Mullets**	2,869	1,301	7,090	3,714	1,685	7,440	2,794
Pacific Barracuda	1,511	685	354	992	450	311	1,650
Porgies							
Pinfishes	2,420	1,098	6,892	2,293	1,040	9,469	2,075
Red Porgy	75	34	59	80	36	75	81
Scup**	5,443	2,469	7,244	4,262	1,933	5,099	2,734
Sheepshead	5,417	2,457	2,113	6,376	2,892	2,267	5,186
Other Porgies**	149	68	326	165	75	228	186
Puffers	112	51	219	181	82	346	114
Rockfishes							
Black Rockfish	2,724	1,236	1,423	2,364	1,072	1,119	2,085
Blue Rockfish	583	264	415	594	270	464	680
Bocaccio	525	238	203	307	139	199	277
Brown Rockfish	129	58	107	211	96	185	138
Canary Rockfish	292	132	147	171	78	78	220
Chilipepper Rockfish	104	47	73	136	62	77	54
Copper Rockfish	172	78	106	119	54	78	184
Gopher Rockfish	156	71	166	268	121	272	136
Greenspotted Rockfish	92	42	123	25	11	83	56
Olive Rockfish	114	52	68	132	60	159	101
Quillback Rockfish	70	32	34	57	26	26	76
Widow Rockfish	147	66	82	45	20	19	85
Yellowtail Rockfish	529	240	319	250	113	162	479
Other Rockfishes**	984	446	1,450	841	381	994	974
Sablefishes	2	1	1	1	(1)	1	5
Sculpins							
Cabezon	212	96	57	227	103	69	227
Sculpins	8	4	23	6	3	49	13
Sea Basses							
Barred Sand Bass	1,813	822	1,260	1,528	693	1,119	1,096
Black Sea Bass	4,766	2,162	4,546	4,483	2,033	3,932	3,652
Epinephelus Groupers**	2,341	1,062	355	1,606	729	248	1,456
Kelp Bass	1,007	457	648	509	231	633	627
Mycteroperca Groupers**	5,471	2,482	765	4,798	2,176	540	4,584
Spotted Sand Bass	96	44	76	49	22	49	54
Other Sea Basses	47	21	287	90	41	361	83

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY SPECIES, 2000 AND 2001

Species	2000			2001			Average (1997-01)
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds
Sea Chubs**							
Halfmoon	83	38	76	118	54	132	57
Opaleye	54	24	49	90	41	59	60
Other Sea Chubs	(1)	(1)	(1)	(1)	(1)	(1)	1
Searobins	96	44	170	138	62	143	132
Silversides							
Jacksmelt	121	55	283	205	93	614	148
Other Silversides	3	1	30	5	2	46	5
Smelts**							
Surf Smelt	140	64	1,965	319	145	3,661	193
Other Smelts	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Snappers							
Gray Snapper	1,838	834	1,265	1,899	861	1,199	1,555
Lane Snapper	207	94	212	381	173	392	283
Red Snapper	3,494	1,585	841	4,091	1,856	900	4,238
Vermilion Snapper	387	175	374	638	289	613	467
Yellowtail Snapper	316	143	245	251	114	189	378
Other Snappers**	319	145	95	296	134	79	307
Sturgeons	375	170	21	375	170	17	497
Surfperches							
Barred Surfperch	59	27	105	77	35	147	212
Black Perch	36	16	54	30	14	54	42
Pile Perch	15	7	19	32	15	32	32
Redtail Surfperch	122	55	126	112	51	123	84
Shiner Perch	13	6	292	8	4	183	9
Silver Surfperch	4	2	15	5	2	16	16
Striped Seaperch	44	20	47	86	39	96	90
Walleye Surfperch	13	6	51	25	11	163	24
White Seaperch	7	3	8	13	6	32	9
Other Surfperches	32	15	93	39	18	108	50
Temperate Basses							
Striped Bass	18,363	8,329	2,090	19,921	9,036	2,084	16,538
White Perch	691	314	1,758	288	131	664	635
Other Temperate Basses	(1)	(1)	(1)	(1)	(1)	1	1
Toadfishes	(1)	(1)	4	(1)	(1)	7	1
Triggerfishes/Filefishes	561	255	263	578	262	308	751
Tunas And Mackerels							
Atlantic Mackerel	3,192	1,448	4,194	3,386	1,536	4,127	2,974
King Mackerel**	8,728	3,959	930	7,507	3,405	691	8,835
Little Tunny / Atl.Bonito**	2,294	1,041	348	2,147	974	260	2,677
Pacific Bonito**	160	73	85	33	15	31	194
Spanish Mackerel	4,752	2,156	3,075	5,420	2,459	3,747	4,059
Other Tunas/Mackerels**	22,219	10,078	1,535	22,767	10,327	2,492	18,872
Wrasses							
California Sheephead	232	105	113	128	58	75	162
Cunner	50	23	77	2	1	56	31
Tautog	3,398	1,541	853	2,750	1,247	792	2,473
Other Wrasses	89	40	51	152	69	84	157
Other Fishes**	13,650	6,192	21,610	18,644	8,457	7,074	12,410
Total Fish	**264,064**	**119,786**	**191,979**	**262,432**	**119,037**	**186,702**	--

(1) Number or pounds less than 1,000 or less than 1 metric ton.

Note:-- ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2001

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Anchovies												
Northern Anchovy	-	-	-	5	2	66	40	18	513	44	20	579
Other Anchovies	-	-	-	-	-	-	-	-	-	-	-	-
Barracudas	477	217	47	526	239	67	324	147	49	1,327	602	163
Bluefish	2,543	1,153	654	8,479	3,846	3,249	2,908	1,319	3,113	13,930	6,318	7,016
California Scorpionfish	186	85	171	115	52	119	3	1	3	304	138	293
Cartilaginous Fishes												
Dogfish Sharks**	71	32	17	80	36	41	50	23	11	202	92	69
Skates/Rays**	(1)	(1)	3	63	29	39	50	23	44	113	51	85
Other Sharks**	410	186	28	1,463	664	265	338	153	86	2,211	1,003	379
Catfishes**												
Freshwater Catfishes	(1)	(1)	1	108	49	84	54	25	33	162	74	118
Saltwater Catfishes	5	2	2	570	258	349	413	187	278	987	448	629
Cods And Hakes												
Atlantic Cod	2,127	965	336	4,927	2,235	782	(1)	(1)	(1)	7,054	3,200	1,118
Pacific Cod	(1)	(1)	(1)	2	1	1	(1)	(1)	(1)	2	1	1
Pacific Hake	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)
Pacific Tomcod	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	(1)	2
Pollock	408	185	96	956	433	246	60	27	14	1,424	646	356
Red Hake	4	2	48	15	7	10	-	-	-	19	8	58
Other Cods/Hakes	279	126	87	233	106	75	(1)	(1)	7	512	232	168
Croakers												
California Corbina	(1)	(1)	(1)	1	(1)	1	5	2	14	5	2	14
Queenfish	2	1	4	(1)	(1)	2	4	2	70	6	3	76
White Croaker	6	3	17	66	30	167	36	16	205	108	49	389
Other Croakers	77	35	13	443	201	55	77	35	104	598	271	172
Dolphins**	5,240	2,377	674	10,881	4,936	1,414	(1)	(1)	(1)	16,121	7,312	2,088
Drums												
Atlantic Croaker	827	375	984	9,973	4,524	11,630	962	436	2,066	11,762	5,335	14,681
Black Drum	383	174	35	2,236	1,014	606	1,028	466	348	3,648	1,654	990
Kingfishes	9	4	17	1,882	854	3,382	1,906	865	4,057	3,797	1,722	7,456
Red Drum	1,440	653	334	11,886	5,392	2,918	1,475	669	223	14,802	6,714	3,475
Sand Seatrout	24	11	29	1,447	656	2,455	435	197	824	1,906	864	3,308
Silver Perch	(1)	(1)	(1)	7	3	70	53	24	334	61	27	404
Spot	95	43	198	2,125	964	3,735	1,385	628	3,374	3,605	1,635	7,308
Spotted Seatrout	1,435	651	991	11,399	5,171	8,556	851	386	654	13,685	6,208	10,200
Weakfish**	148	67	94	2,293	1,040	1,302	282	128	131	2,723	1,235	1,527
Other Drum	(1)	(1)	5	15	7	150	23	10	123	38	17	278
Eels**	4	2	2	(1)	(1)	3	(1)	(1)	50	4	2	54

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2001

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Flounders												
California Halibut**	199	90	30	1,265	574	164	46	21	8	1,510	685	202
Gulf Flounder	11	5	7	209	95	130	86	39	75	306	139	212
Rock Sole	1	(1)	2	6	3	10	(1)	(1)	1	7	3	12
Sanddabs	51	23	156	93	42	277	1	(1)	18	146	66	451
Southern Flounder	31	14	18	1,151	522	801	531	241	309	1,713	777	1,128
Starry Flounder	(1)	(1)	(1)	15	7	5	8	4	9	23	11	14
Summer Flounder	804	365	330	10,394	4,715	4,748	462	210	230	11,660	5,289	5,307
Winter Flounder	46	21	36	1,032	468	767	226	102	160	1,304	592	964
Other Flounders**	171	77	43	139	63	80	12	5	45	321	146	168
Greenlings												
Kelp Greenling	33	15	19	96	43	77	49	22	57	178	81	153
Lingcod	382	173	47	567	257	62	34	15	4	983	446	113
Other Greenlings	(1)	(1)	(1)	2	1	3	26	12	25	28	13	28
Grunts												
Pigfish	1	(1)	1	344	156	845	237	107	705	581	264	1,552
White Grunt	378	171	396	1,992	904	2,153	180	82	223	2,550	1,157	2,772
Other Grunts	5	2	12	90	41	227	98	44	224	193	87	463
Herrings**	(1)	(1)	131	578	262	19,799	601	273	14,342	1,179	535	34,272
Jacks												
Blue Runner	31	14	25	248	112	360	2,030	921	2,776	2,309	1,047	3,160
Crevalle Jack	31	14	7	630	286	232	1,455	660	574	2,116	960	812
Florida Pompano	8	4	4	214	97	135	586	266	476	808	366	614
Greater Amberjack	976	443	74	868	394	56	51	23	5	1,895	859	135
Yellowtail	784	355	46	406	184	42	-	-	-	1,190	540	87
Other Jacks	192	87	69	138	63	576	105	48	2,342	436	198	2,987
Mullets**	10	5	6	2,264	1,027	3,641	1,439	653	3,794	3,714	1,685	7,440
Pacific Barracuda	739	335	222	251	114	88	2	1	1	992	450	311
Porgies												
Pinfishes	9	4	29	1,450	658	5,445	834	378	3,995	2,293	1,040	9,469
Red Porgy	60	27	57	20	9	19	-	-	-	80	36	75
Scup**	585	265	769	3,151	1,429	3,564	526	239	766	4,262	1,933	5,099
Sheepshead	96	44	37	5,178	2,349	1,756	1,102	500	474	6,376	2,892	2,267
Other Porgies**	28	13	38	112	51	125	25	11	65	165	75	228
Puffers	3	2	5	100	45	159	77	35	183	181	82	346

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2001

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Rockfishes												
Black Rockfish	1288	584	595	1015	460	483	62	28	41	2,364	1,072	1,119
Blue Rockfish	412	187	337	174	79	125	8	4	3	594	270	464
Bocaccio	245	111	165	61	28	34	-	-	-	307	139	199
Brown Rockfish	88	40	100	121	55	83	1	(1)	1	211	96	185
Canary Rockfish	123	56	53	48	22	25	1	(1)	(1)	171	78	78
Chilipepper Rockfish	136	62	77	(1)	(1)	(1)	-	-	-	136	62	77
Copper Rockfish	62	28	42	56	25	34	2	1	1	119	54	78
Gopher Rockfish	192	87	195	74	34	75	1	1	1	268	121	272
Greenspotted Rockfish	21	10	56	4	2	27	-	-	-	25	11	83
Olive Rockfish	121	55	145	10	5	14	1	(1)	1	132	60	159
Quillback Rockfish	33	15	14	24	11	12	-	-	-	57	26	26
Widow Rockfish	45	20	18	(1)	(1)	1	-	-	-	45	20	19
Yellowtail Rockfish	211	96	140	39	18	22	-	-	-	250	113	162
Other Rockfishes**	503	228	645	306	139	325	32	14	23	841	381	994
Sablefishes	1	(1)	1	(1)	(1)	(1)	-	-	-	1	(1)	1
Sculpins												
Cabezon	57	26	17	131	60	35	39	18	16	227	103	69
Sculpins	(1)	(1)	(1)	2	1	9	4	2	39	6	3	49
Sea Basses												
Barred Sand Bass	738	335	556	786	356	558	5	2	4	1,528	693	1,119
Black Sea Bass	2104	954	1904	2346	1064	1993	33	15	36	4,483	2,033	3,932
Epinephelus Groupers**	439	199	72	1167	529	176	(1)	(1)	(1)	1606	729	248
Kelp Bass	227	103	332	280	127	299	1	1	2	509	231	633
Mycteroperca Groupers**	1227	557	132	3509	1592	404	62	28	4	4,798	2,176	540
Spotted Sand Bass	(1)	(1)	(1)	46	21	47	3	1	2	49	22	49
Other Sea Basses	2	1	23	75	34	241	13	6	97	90	41	361
Sea Chubs**												
Halfmoon	95	43	110	23	11	20	(1)	(1)	2	118	54	132
Opaleye	9	4	7	9	4	6	72	33	46	90	41	59
Other Sea Chubs	-	-	-	-	-	-	-	-	-	-	-	-
Searobins	2	1	9	117	53	101	19	8	33	138	62	143
Silversides												
Jacksmelt	(1)	(1)	(1)	124	56	367	81	37	247	205	93	614
Other Silversides	(1)	(1)	(1)	(1)	(1)	(1)	5	2	46	5	2	46
Surf Smelt	(1)	(1)	(1)	(1)	(1)	6	318	144	3656	319	145	3,661

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY MODE OF FISHING AND SPECIES GROUP, 2001

Species	Mode of fishing									Grand Total		
	Charter boat			Private/Rental boat			Shore					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Snappers												
Gray Snapper	205	93	98	1,433	650	840	261	118	260	1,899	861	1,199
Lane Snapper	31	14	33	329	149	343	21	9	17	381	173	392
Red Snapper	1,524	691	408	2,557	1,160	491	11	5	1	4,091	1,856	900
Vermilion Snapper	319	145	273	319	145	340	-	-	-	638	289	613
Yellowtail Snapper	120	54	92	129	59	96	2	1	1	251	114	189
Other Snappers**	87	40	24	180	81	47	29	13	8	296	134	79
Sturgeons	36	16	2	326	148	15	12	6	1	375	170	17
Surfperches												
Barred Surfperch	(1)	(1)	(1)	(1)	(1)	(1)	76	35	147	77	35	147
Black Perch	1	(1)	1	16	7	21	13	6	32	30	14	54
Pile Perch	-	-	-	8	4	10	24	11	21	32	15	32
Redtail Surfperch	-	-	-	40	18	38	72	33	85	112	51	123
Shiner Perch	-	-	-	(1)	(1)	(1)	8	4	183	8	4	183
Silver Surfperch	-	-	-	(1)	(1)	(1)	5	2	15	5	2	16
Striped Seaperch	-	-	-	34	16	40	51	23	56	86	39	96
Walleye Surfperch	-	-	-	3	1	10	22	10	153	25	11	163
White Seaperch	(1)	(1)	(1)	3	1	7	10	4	24	13	6	32
Other Surfperches	3	1	6	9	4	17	27	12	86	39	18	108
Temperate Basses												
Striped Bass	3,235	1,467	281	14,930	6,772	1,602	1,756	796	200	19,921	9,036	2,084
White Perch	2	1	4	235	107	554	50	23	106	288	131	664
Other Temperate Basses	-	-	-	(1)	(1)	1	-	-	-	(1)	(1)	1
Toadfishes	(1)	(1)	(1)	(1)	(1)	6	(1)	(1)	1	(1)	(1)	7
Triggerfishes/Filefishes	264	120	140	306	139	162	8	4	5	578	262	308
Tunas And Mackerels												
Atlantic Mackerel	362	164	444	2,844	1,290	3,286	180	82	397	3,386	1,536	4,127
King Mackerel**	2,024	918	221	4,974	2,256	413	508	231	57	7,507	3,405	691
Little Tunny/Atlantic Bonito**	738	335	94	906	411	111	503	228	55	2,147	974	260
Pacific Bonito**	27	12	20	5	2	6	2	1	5	33	15	31
Spanish Mackerel	392	178	243	2,633	1,194	1,685	2,395	1,086	1,820	5,420	2,459	3,747
Other Tunas/Mackerels**	10,021	4,545	570	11,925	5,409	881	820	372	1,041	22,767	10,327	2,492
Wrasses												
California Sheephead	73	33	43	55	25	32	(1)	(1)	(1)	128	58	75
Cunner	(1)	(1)	(1)	1	(1)	41	1	1	15	2	1	56
Tautog	304	138	96	2,247	1,019	622	199	90	74	2,750	1,247	792
Other Wrasses	2	1	3	142	65	72	8	4	9	152	69	84
Other Fishes**	2,380	1,079	464	14,304	6,488	3,269	1,960	889	3,341	18,644	8,457	7,074
Grand Total	**52,396**	**23,764**	**16,808**	**176,634**	**80,126**	**108,765**	**33,388**	**15,143**	**61,132**	**262,432**	**119,037**	**186,702**

(1) Number or pounds less than 1,000 or less than 1 metric ton.

Note:– ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2001

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Anchovies												
Northern Anchovy	37	16	547	8	4	32	-	-	-	44	20	579
Other Anchovies	-	-	-	-	-	-	-	-	-	-	-	-
Barracudas	170	77	25	676	308	89	481	218	49	1,327	602	163
Bluefish	6,221	2,822	3,615	4,952	2,246	2,757	2,757	1,250	644	13,930	6,318	7,016
California Scorpionfish	16	7	15	192	87	175	96	44	103	304	138	293
Cartilaginous Fishes												
Dogfish Sharks**	118	53	44	15	7	10	68	31	15	202	92	69
Skates/Rays**	83	38	55	22	11	29	8	3	2	113	51	85
Other Sharks**	790	358	138	837	380	161	584	265	80	2,211	1,003	379
Catfishes**												
Freshwater Catfishes	161	73	118	1	1	(1)	(1)	(1)	(1)	162	74	118
Saltwater Catfishes	706	320	474	272	122	146	10	5	9	987	448	629
Cods And Hakes												
Atlantic Cod	787	357	134	1,123	510	192	5,144	2,333	792	7,054	3,200	1,118
Pacific Cod	2	1	1	-	-	-	-	-	-	2	1	1
Pacific Hake	-	-	-	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)
Pacific Tomcod	(1)	(1)	(1)	(1)	(1)	1	-	-	-	(1)	(1)	2
Pollock	280	127	80	278	125	64	866	393	212	1,424	646	356
Red Hake	(1)	(1)	3	(1)	(1)	(1)	19	9	55	19	8	58
Other Cods/Hakes	4	2	7	17	8	7	491	222	155	512	232	168
Croakers												
California Corbina	1	1	1	5	1	14	-	-	-	5	2	14
Queenfish	1	(1)	7	3	2	66	2	1	3	6	3	76
White Croaker	47	21	106	58	26	259	3	2	24	108	49	389
Other Croakers	15	7	22	582	264	149	(1)	(1)	1	598	271	172
Dolphins**	26	11	6	1,220	555	208	14,875	6,747	1,874	16,121	7,312	2,088
Drums												
Atlantic Croaker	10,711	4,858	13,282	695	316	1,019	356	161	379	11,762	5,335	14,681
Black Drum	2,954	1,340	713	616	280	258	79	36	18	3,648	1,654	990
Kingfishes	1,598	725	2,795	2,129	966	4,517	70	32	144	3,797	1,722	7,456
Red Drum	12,065	5,473	3,052	2,401	1,089	377	335	152	46	14,802	6,714	3,475
Sand Seatrout	1,488	675	2,632	400	181	643	18	8	33	1,906	864	3,308
Silver Perch	44	20	280	16	7	120	(1)	(1)	4	61	27	404
Spot	2,630	1,193	4,876	959	435	2,404	16	7	27	3,605	1,635	7,308
Spotted Seatrout	10,451	4,742	8,278	2,858	1,296	1,676	376	170	247	13,685	6,208	10,200
Weakfish**	2,320	1,052	1,267	276	126	194	127	57	66	2,723	1,235	1,527
Other Drum	22	10	103	16	7	173	(1)	(1)	2	38	17	278
Eels**	1	(1)	46	(1)	(1)	8	3	2	1	4	2	54

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2001

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Flounders												
California Halibut**	591	268	89	833	378	100	86	39	13	1,510	685	202
Gulf Flounder	170	77	119	105	48	82	31	14	11	306	139	212
Rock Sole	6	3	11	1	(1)	1	(1)	(1)	(1)	7	3	12
Sanddabs	19	8	68	55	24	164	71	32	219	146	66	451
Southern Flounder	1,405	637	955	260	118	148	48	22	25	1,713	777	1,128
Starry Flounder	9	4	9	15	7	5	(1)	(1)	(1)	23	11	14
Summer Flounder	8,504	3,858	3,969	2,159	980	923	997	452	416	11,660	5,289	5,307
Winter Flounder	1,037	470	773	242	110	175	25	11	15	1,304	592	964
Other Flounders**	67	31	76	11	5	48	244	109	44	321	146	168
Greenlings												
Kelp Greenling	106	48	105	65	29	44	7	3	4	178	81	153
Lingcod	203	92	22	600	271	71	180	82	20	983	446	113
Other Greenlings	6	3	8	22	10	20	(1)	(1)	(1)	28	13	28
Grunts												
Pigfish	411	186	1,090	133	60	356	38	17	105	581	264	1,552
White Grunt	304	138	337	675	306	786	1,571	713	1,649	2,550	1,157	2,772
Other Grunts	69	31	88	91	41	250	33	15	125	193	87	463
Herrings**	892	405	22,348	234	106	9,912	53	24	2,012	1,179	535	34,272
Jacks												
Blue Runner	266	121	400	1,949	883	2,646	94	43	115	2,309	1,047	3,160
Crevalle Jack	870	394	397	1,198	544	413	48	22	3	2,116	960	812
Florida Pompano	233	106	158	572	259	455	3	2	2	808	366	614
Greater Amberjack	12	5	2	299	136	15	1,584	719	118	1,895	859	135
Yellowtail	-	-	-	996	451	61	194	88	27	1,190	540	87
Other Jacks	48	22	286	88	40	2,405	299	136	296	436	198	2,987
Mullets**	2,793	1,267	4,675	901	409	2,534	19	9	232	3,714	1,685	7,440
Pacific Barracuda	(1)	(1)	2	694	315	207	298	135	102	992	450	311
Porgies												
Pinfishes	1,458	661	6,161	628	285	2,594	207	94	714	2,293	1,040	9,469
Red Porgy	-	-	-	11	5	15	69	31	61	80	36	75
Scup**	3,057	1,387	3,619	931	422	1,149	274	124	331	4,262	1,933	5,099
Sheepshead	3,957	1,795	1,536	1,536	697	519	883	401	212	6,376	2,892	2,267
Other Porgies**	26	12	37	54	25	87	85	38	104	165	75	228
Puffers	97	44	193	80	37	143	3	1	11	181	82	346

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2001

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Rockfishes												
Black Rockfish	125	57	68	2,039	924	962	201	91	89	2,364	1,072	1,119
Blue Rockfish	4	2	3	538	244	418	52	24	44	594	270	464
Bocaccio	-	-	-	105	48	107	201	91	92	307	139	199
Brown Rockfish	24	11	11	149	67	147	37	17	26	211	96	185
Canary Rockfish	2	1	1	91	41	49	79	36	28	171	78	78
Chilipepper Rockfish	-	-	-	3	1	4	133	61	73	136	62	77
Copper Rockfish	29	13	17	54	24	38	37	17	22	119	54	78
Gopher Rockfish	2	1	3	257	117	259	8	4	9	268	121	272
Greenspotted Rockfish	-	-	-	5	2	30	20	10	53	25	11	83
Olive Rockfish	-	-	-	54	24	99	78	36	61	132	60	159
Quillback Rockfish	20	9	10	23	10	11	14	7	5	57	26	26
Widow Rockfish	-	-	-	35	16	14	10	4	5	45	20	19
Yellowtail Rockfish	2	1	1	80	37	63	168	76	98	250	113	162
Other Rockfishes**	26	12	12	552	250	655	263	119	326	841	381	994
Sablefishes	-	-	-	-	-	-	1	(1)	1	1	(1)	1
Sculpins												
Cabezon	32	15	12	180	82	50	15	7	6	227	103	69
Sculpins	4	2	28	2	1	20	(1)	(1)	(1)	6	3	49
Sea Basses												
Barred Sand Bass	115	52	102	915	415	644	499	226	372	1,528	693	1,119
Black Sea Bass	403	183	279	658	299	608	3,422	1,551	3,046	4,483	2,033	3,932
Epinephelus Groupers**	10	4	2	109	49	19	1,487	675	227	1,606	729	248
Kelp Bass	5	2	6	393	179	525	110	50	102	509	231	633
Mycteroperca Groupers**	160	72	18	815	371	94	3,823	1,734	428	4,798	2,176	540
Spotted Sand Bass	38	18	42	10	4	6	1	(1)	1	49	22	49
Other Sea Basses	16	7	61	25	12	117	49	22	183	90	41	361
Sea Chubs**												
Halfmoon	-	-	-	117	53	131	1	1	1	118	54	132
Opaleye	14	7	19	76	34	40	-	-	-	90	41	59
Other Sea Chubs										-	-	-
Searobins	119	54	113	12	5	17	7	3	13	138	62	143
Silversides												
Jacksmelt	44	20	122	161	73	491	(1)	(1)	1	205	93	614
Other Silversides	2	1	12	3	1	33	-	-	-	5	2	46
Surf Smelt	273	124	3,246	45	20	416	-	-	-	319	145	3,661

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1), BY DISTANCE FROM SHORE AND SPECIES GROUP, 2001

Species	Distance from U.S. shores									Grand Total		
	Inland			0 to 3 miles (2) (State Territorial Sea)			3 to 200 miles (Exclusive Economic Zone)					
	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)	Thousand pounds	Metric tons	Total Numbers (thousands)
Snappers												
Gray Snapper	494	224	511	481	218	364	924	419	323	1,899	861	1,199
Lane Snapper	36	15	34	77	35	89	268	122	270	381	173	392
Red Snapper	20	9	4	540	245	143	3,532	1,602	753	4,091	1,856	900
Vermilion Snapper	(1)	(1)	(1)	69	32	75	569	258	538	638	289	613
Yellowtail Snapper	2	1	1	67	31	59	182	82	129	251	114	189
Other Snappers**	40	18	10	119	54	30	137	62	39	296	134	79
Sturgeons	374	170	18	-	-	-	-	-	-	375	170	17
Surfperches												
Barred Surfperch	1	(1)	1	75	35	146	-	-	-	77	35	147
Black Perch	13	6	27	17	7	27	-	-	-	30	14	54
Pile Perch	25	11	24	7	4	7	-	-	-	32	15	32
Redtail Surfperch	46	21	47	66	30	76	(1)	(1)	(1)	112	51	123
Shiner Perch	4	2	84	4	2	99	-	-	-	8	4	183
Silver Surfperch	1	(1)	2	4	2	13	-	-	-	5	2	16
Striped Seaperch	47	22	63	38	17	33	-	-	-	86	39	96
Walleye Surfperch	5	2	19	20	9	144	-	-	-	25	11	163
White Seaperch	12	5	29	1	(1)	2	-	-	-	13	6	32
Other Surfperches	16	7	35	23	10	74	(1)	(1)	(1)	39	18	108
Temperate Basses												
Striped Bass	10,331	4,686	1,268	7,801	3,538	670	1,789	811	145	19,921	9,036	2,084
White Perch	287	131	664	(1)	(1)	(1)	-	-	-	288	131	664
Other Temperate Basses	(1)	(1)	1	-	-	-	-	-	-	(1)	(1)	1
Toadfishes	(1)	(1)	6	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)	7
Triggerfishes/Filefishes	62	28	30	130	59	79	386	176	198	578	262	308
Tunas And Mackerels												
Atlantic Mackerel	1,166	529	1,173	1,336	606	1,823	884	401	1,131	3,386	1,536	4,127
King Mackerel**	49	22	8	3,004	1,363	258	4,453	2,020	425	7,507	3,405	691
Little Tunny/Atlantic Bonito**	9	4	1	1,237	561	143	901	409	116	2,147	974	260
Pacific Bonito**	2	1	5	32	14	24	(1)	(1)	2	33	15	31
Spanish Mackerel	1,345	610	920	3,490	1,583	2,458	585	265	370	5,420	2,459	3,747
Other Tunas/Mackerels**	557	252	620	1,039	471	897	21,170	9,603	975	22,767	10,327	2,492
Wrasses												
California Sheephead	-	-	-	103	47	63	25	11	12	128	58	75
Cunner	(1)	(1)	43	2	1	13	(1)	(1)	(1)	2	1	56
Tautog	1,216	551	328	957	434	290	577	262	174	2,750	1,247	792
Other Wrasses	1	(1)	6	64	29	33	87	41	45	152	69	84
Other Fishes**	8,103	3,675	3,981	5,453	2,474	2,356	5,088	2,307	737	18,644	8,457	7,074
Grand Total	**106,098**	**48,122**	**104,406**	**69,827**	**31,675**	**58,632**	**86,501**	**39,237**	**23,665**	**262,432**	**119,037**	**186,702**

(1) Number or pounds less than 1,000 or less than 1 metric ton.

(2) Except West Florida where the state territorial seas extend 0 to 10 miles.

Note:-- ** Fish included in these groups are not equivalent to those with similar names listed in the commercial tables.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1992-2001

Year	Barracudas			Bluefish		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	1,106	173	627	24,782	7,479	4,511
1993	1,323	196	592	20,641	5,917	4,384
1994	1,656	211	695	15,992	6,056	6,349
1995	1,627	246	673	14,901	5,411	5,552
1996	1,956	229	616	12,119	4,426	5,591
1997	1,719	162	437	14,559	5,585	7,609
1998	1,162	150	396	12,778	4,430	5,340
1999	1,192	139	393	8,612	3,856	8,022
2000	929	135	379	10,945	5,048	11,594
2001	1,327	163	331	13,930	7,016	14,142

Year	Cartilaginous Fishes			Catfishes		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	5,076	544	4,113	2,181	1,704	12,862
1993	5,295	646	4,708	2,160	1,764	12,017
1994	4,351	596	5,903	1,887	1,595	14,223
1995	9,956	602	5,449	1,566	1,259	13,496
1996	4,955	557	6,107	1,586	1,008	8,334
1997	4,049	565	6,791	1,886	916	8,573
1998	3,313	523	6,787	1,663	973	7,961
1999	3,109	351	6,181	997	709	7,702
2000	3,737	548	8,864	1,470	922	11,332
2001	2,526	533	11,638	1,149	747	12,271

Year	Cods and Hakes			Dolphins		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	2,995	1,178	473	9,791	1,318	166
1993	7,486	1,953	1,477	10,897	1,762	177
1994	5,124	1,636	1,590	12,799	2,215	236
1995	6,021	1,648	1,600	19,570	2,268	337
1996	3,908	877	832	12,511	1,668	241
1997	3,653	1,043	782	23,021	2,283	234
1998	3,552	849	1,049	12,125	1,889	187
1999	2,979	781	974	13,427	2,065	217
2000	6,502	1,507	2,061	16,364	2,539	308
2001	9,011	1,703	2,367	16,121	2,088	308

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1992-2001

Year	Drums			Flounders		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	35,280	40,647	35,462	10,105	7,303	8,775
1993	33,683	38,143	39,676	13,257	10,525	20,420
1994	38,709	48,715	48,958	13,818	9,890	15,376
1995	42,214	41,412	41,611	11,276	6,666	16,079
1996	39,068	35,128	38,042	14,861	10,526	16,087
1997	44,600	39,757	50,684	16,971	10,286	16,849
1998	41,254	36,520	44,142	16,619	9,207	19,214
1999	43,813	39,517	49,966	12,908	6,500	19,855
2000	60,213	48,615	63,100	22,871	11,764	21,996
2001	56,027	49,627	50,125	16,990	8,458	27,177

Year	Grunts			Herrings		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	2,980	4,831	6,757	2,034	23,974	4,959
1993	2,348	4,462	7,107	753	28,244	6,499
1994	2,891	5,632	8,256	763	26,411	12,137
1995	3,111	5,534	7,868	976	26,010	4,947
1996	2,450	3,962	6,395	1,096	22,735	8,402
1997	2,596	4,558	6,798	1,913	36,824	3,966
1998	1,903	3,436	5,805	964	26,927	7,316
1999	2,038	3,259	7,210	649	23,278	7,625
2000	2,302	3,848	6,465	565	29,572	7,999
2001	3,324	4,787	8,620	1,179	34,272	7,231

Year	Jacks			Mullets		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	5,936	5,550	6,017	5,187	5,240	331
1993	8,424	5,783	6,659	2,389	3,947	239
1994	6,270	4,151	7,197	3,096	3,893	495
1995	4,881	3,318	5,630	2,116	4,180	594
1996	6,059	3,625	5,091	1,902	2,796	937
1997	8,180	4,954	7,179	2,474	2,857	401
1998	10,222	4,200	7,959	2,674	3,240	516
1999	6,970	3,435	6,775	2,241	5,710	904
2000	9,026	5,398	7,736	2,869	7,090	2,188
2001	8,754	7,795	10,225	3,714	7,440	2,022

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1992-2001

Year	Porgies			Puffers		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	13,393	17,502	12,316	359	743	1,357
1993	11,377	15,738	10,584	167	338	986
1994	10,057	13,659	13,049	97	248	893
1995	10,985	14,696	12,175	132	255	694
1996	9,182	13,475	11,115	116	247	579
1997	8,499	13,113	14,589	153	284	762
1998	7,734	10,777	13,803	63	148	615
1999	8,397	10,519	12,630	59	175	1,117
2000	13,504	16,634	17,077	112	219	1,189
2001	13,176	17,138	19,944	181	346	1,583

Year	Sculpins			Sea Basses		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	7	9	45	9,762	6,628	12,587
1993	278	245	858	14,293	10,715	13,853
1994	187	87	289	11,792	7,921	14,503
1995	191	140	453	15,328	10,970	17,394
1996	294	164	386	10,896	7,413	12,838
1997	213	138	468	11,318	7,927	15,895
1998	312	129	319	8,479	3,560	11,888
1999	222	102	228	9,353	3,869	14,627
2000	220	80	457	15,541	7,937	26,757
2001	233	118	401	13,063	6,882	24,062

Year	Searobins			Snappers		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	205	261	4,507	7,433	4,208	7,447
1993	156	245	7,481	8,217	4,989	7,940
1994	48	125	4,582	7,229	4,083	6,397
1995	22	101	4,710	6,161	3,534	6,591
1996	212	193	5,094	5,152	2,674	6,147
1997	242	238	5,528	7,587	3,504	8,259
1998	106	202	3,796	7,099	3,341	7,361
1999	78	122	5,950	7,344	3,385	7,332
2000	96	170	7,688	6,561	3,032	8,141
2001	138	143	8,176	7,556	3,372	6,945

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1992-2001

Year	Temperate Basses			Toadfishes		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	4,684	1,977	5,538	19	152	1,631
1993	6,784	2,895	7,321	17	39	2,638
1994	7,891	2,827	10,490	28	61	1,720
1995	13,442	2,382	12,303	1	30	1,618
1996	14,542	3,560	14,882	1	14	1,048
1997	17,682	4,314	20,155	0	33	1,120
1998	14,084	3,323	18,577	2	10	998
1999	14,839	2,564	15,526	0	9	911
2000	19,054	3,848	21,360	0	4	1,481
2001	20,209	2,749	15,428	0	7	2,094

Year	Triggerfishes/Filefishes			Tunas And Mackerels		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	1,654	796	307	24,519	7,067	3,027
1993	1,547	767	232	31,267	8,603	5,487
1994	1,414	740	179	36,291	12,039	5,507
1995	1,208	671	192	37,436	9,257	5,811
1996	849	468	268	34,421	9,164	6,477
1997	1,086	511	232	41,154	11,500	6,619
1998	775	390	233	30,354	7,207	4,114
1999	757	390	196	33,935	8,331	3,916
2000	561	263	199	41,345	10,167	5,457
2001	578	308	234	41,260	11,348	7,299

Year	Wrasses			California Scorpionfish		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1992	8,240	3,088	3,313	-	-	-
1993	6,538	2,879	3,532	166	148	72
1994	4,149	1,761	2,484	258	242	126
1995	5,130	2,058	3,287	224	212	139
1996	3,548	1,292	1,740	339	342	234
1997	2,597	929	1,820	206	243	132
1998	1,757	572	2,053	185	160	66
1999	2,959	951	3,101	297	280	105
2000	3,769	1,094	2,467	268	230	237
2001	3,032	1,007	3,056	304	293	289

See footnotes at end of table.

U.S. RECREATIONAL HARVEST (A+B1) AND TOTAL LIVE RELEASES (B2), BY SPECIES GROUP, 1992-2001

Year	Croakers			Greenlings		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1993	583	1,217	1,145	1,815	497	174
1994	447	739	521	1,016	294	109
1995	695	1,132	673	962	252	144
1996	919	1,544	864	1,369	408	285
1997	556	774	712	1,062	299	244
1998	426	610	355	1,408	270	299
1999	689	533	469	1,516	269	248
2000	824	594	649	1,494	323	551
2001	717	651	662	1,189	294	593

Year	Pacific Barracuda			Rockfishes		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1993	1,688	428	822	6,089	4,901	1,447
1994	2,016	526	1,239	4,811	3,797	698
1995	2,491	563	816	4,190	2,918	666
1996	1,011	234	350	4,812	3,740	808
1997	1,700	374	475	3,799	2,986	679
1998	2,058	450	752	5,593	4,134	735
1999	1,988	423	475	6,196	4,943	478
2000	1,511	354	517	6,621	4,716	612
2001	992	311	515	5,520	3,915	785

Year	Sea Chubs			Silversides		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1993	87	129	59	440	1,078	152
1994	106	107	42	138	323	96
1995	224	217	31	317	801	171
1996	78	72	18	296	658	120
1997	66	58	12	169	492	242
1998	87	108	46	152	395	158
1999	92	82	13	109	316	96
2000	137	125	72	124	313	46
2001	208	191	96	210	660	120

Year	Smelts			Surfperches		
	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)	Pounds harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
1993	159	1,628	31	757	1,364	608
1994	90	1,208	0	442	819	365
1995	122	1,416	0	710	1,181	648
1996	474	4,351	4	950	1,464	686
1997	120	1,617	9	640	1,179	755
1998	357	4,825	9	1,006	1,435	488
1999	28	1,221	7	415	701	356
2000	140	1,965	3	345	810	428
2001	319	3,661	76	427	954	523

(1) Number or pounds less than 1,000 or less than 1 metric ton.

Note: The MRFSS was not conducted on the Pacific Coast from 1990 to 1992.

State	2000		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
Maine	1,571	1,662	1,531
New Hampshire	1,074	911	942
Massachusetts	15,538	5,839	12,157
Rhode Island	7,020	3,097	3,782
Connecticut	3,029	5,676	4,370
New York	17,050	20,502	13,848
New Jersey	24,645	11,487	25,448
Delaware	3,486	1,770	4,250
Maryland	8,872	7,882	22,099
Virginia	13,112	9,013	17,541
North Carolina	22,699	8,963	14,541
South Carolina	2,834	1,931	3,708
Georgia	2,202	1,928	3,245
Florida	65,937	71,578	83,117
Alabama	5,859	3,259	4,127
Mississippi	2,815	2,610	2,441
Louisiana	31,970	17,508	22,772
Washington	4,793	3,236	2,370
Oregon	5,635	1,848	514
California	23,913	11,275	9,963
Grand Total	**264,054**	**191,975**	**252,766**

State	2001		
	Pounds Harvested (thousands)	Number Harvested (thousands)	Number Released (thousands)
Maine	1,964	1,460	1,518
New Hampshire	2,150	1,256	1,119
Massachusetts	15,984	5,120	10,598
Rhode Island	4,457	2,298	3,443
Connecticut	3,432	2,014	4,447
New York	11,127	4,332	16,394
New Jersey	22,323	11,152	27,758
Delaware	3,246	1,128	4,598
Maryland	8,366	4,509	13,723
Virginia	17,732	13,580	17,583
North Carolina	24,146	11,753	16,531
South Carolina	3,156	2,520	3,345
Georgia	2,017	1,820	3,085
Florida	68,236	82,117	89,485
Alabama	9,574	5,399	5,599
Mississippi	3,620	3,305	4,715
Louisiana	26,365	13,489	14,307
Washington	7,640	4,797	2,321
Oregon	6,114	2,120	861
California	20,783	12,527	12,195
Grand Total	**262,432**	**186,696**	**253,625**

U.S. RECREATIONAL NUMBERS OF ANGLERS AND TRIPS BY STATES, 2000 AND 2001

State	2000			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
	Numbers in thousands			
Maine	150	139	20	895
New Hampshire	85	77	10	368
Massachusetts	265	493	90	4,622
Rhode Island	184	112	-	1,373
Connecticut	53	222	-	1,508
New York	20	469	12	4,645
New Jersey	430	544	17	6,469
Delaware	201	82	-	1,096
Maryland	481	461	51	3,851
Virginia	262	388	68	3,391
North Carolina	1,277	416	229	6,460
South Carolina	250	190	70	1,340
Georgia	44	89	86	796
Florida	2,945	3,061	-	26,566
Alabama	121	141	81	1,087
Mississippi	44	160	26	1,093
Louisiana	104	548	66	3,752
Washington	47	423	32	1,643
Oregon	83	271	23	930
California	225	1,419	64	5,944
Grand Total	**7,271**	**9,705**	**945**	**77,829**

State	2001			
	Out-of-State Anglers	In-State Anglers		Number of Angler Trips
		From Coastal Counties	From Non-Coastal Counties	
	Numbers in thousands			
Maine	166	126	16	932
New Hampshire	74	68	13	360
Massachusetts	279	392	79	4,524
Rhode Island	260	137	-	1,496
Connecticut	78	246	-	1,723
New York	29	474	11	4,624
New Jersey	543	721	42	7,484
Delaware	226	107	-	1,180
Maryland	426	565	50	3,790
Virginia	520	423	88	4,128
North Carolina	1,301	454	251	6,650
South Carolina	224	180	77	1,676
Georgia	38	83	91	807
Florida	3,296	3,439	-	28,853
Alabama	194	211	98	1,636
Mississippi	70	197	44	1,250
Louisiana	122	588	65	3,615
Washington	49	571	36	2,191
Oregon	84	312	30	1,170
California	248	1,508	88	6,260
Grand Total	**8,227**	**10,802**	**1,079**	**84,349**

NOTE: All counties in RI, CT, DE, and FL are considered coastal.

NOTE: Out-of-state angler estimates are not additive across states.

WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1991-2000

Year	World aquaculture			World commercial catch			Grand Total
	Inland	Marine	Total	Inland	Marine	Total	
	Metric tons Live weight			Metric tons Live weight			
1991	8,348,950	5,375,264	13,724,214	6,235,251	78,301,736	84,536,987	98,261,201
1992	9,276,274	6,128,579	15,404,853	6,203,820	79,276,052	85,479,872	100,884,725
1993	10,489,728	7,325,916	17,815,644	6,590,087	80,071,146	86,661,233	104,476,877
1994	12,187,335	8,663,434	20,850,769	6,707,091	85,001,408	91,708,499	112,559,268
1995	13,963,639	10,438,828	24,402,467	7,264,729	84,744,777	92,009,506	116,411,973
1996	15,887,599	10,827,928	26,715,527	7,434,102	86,049,218	93,483,320	120,198,847
1997	17,462,264	11,170,242	28,632,506	7,551,326	86,358,306	93,909,632	122,542,138
1998	18,466,459	12,040,740	30,507,199	8,040,972	79,242,027	87,282,999	117,790,198
1999	20,170,246	13,276,565	33,446,811	8,495,750	84,709,184	93,204,934	126,651,745
2000	21,440,103	14,145,008	35,585,111	8,801,070	86,047,604	94,848,674	130,433,785

Note:--Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD AQUACULTURE AND COMMERCIAL CATCHES OF FISH, CRUSTACEANS, AND MOLLUSKS, 1999-2000

Species group	1999			2000		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	Metric tons- Live-weight			Metric tons- Live-weight		
Herrings, sardines, anchovies	-	22,571,151	22,571,151	-	24,715,410	24,715,410
Carps, barbels, cyprinids	15,000,497	610,595	15,611,092	15,707,109	898,670	16,605,779
Cods, hakes, haddocks	157	9,402,173	9,402,330	167	8,717,146	8,717,313
Tunas, bonitos, billfishes	9,711	5,978,655	5,988,366	11,485	5,725,277	5,736,762
Salmons, trouts, smelts	1,395,739	910,560	2,306,299	1,533,824	813,664	2,347,488
Tilapias	1,099,053	620,231	1,719,284	1,265,780	677,609	1,943,389
Flatfish	33,061	956,861	989,922	26,309	1,024,117	1,050,426
Sharks, rays, chimaeras	-	823,844	823,844	-	828,364	828,364
Shads	-	780,859	780,859	-	721,532	721,532
River eels	218,695	12,453	231,148	232,815	12,708	245,523
Sturgeons, paddlefish	2,465	2,845	5,310	3,158	2,658	5,816
Other fishes	3,865,828	36,144,581	40,010,409	4,287,326	35,830,328	40,117,654
Shrimp	1,084,875	3,034,046	4,118,921	1,087,111	3,081,255	4,168,366
Crabs	109,416	1,139,400	1,248,816	140,256	1,128,906	1,269,162
Lobsters	58	231,042	231,100	51	231,215	231,266
Krill	-	103,318	103,318	-	104,263	104,263
Other crustaceans	348,968	1,789,102	2,138,070	420,302	1,954,484	2,374,786
Oysters	3,719,957	157,532	3,877,489	4,011,052	292,859	4,303,911
Squids, cuttlefishes, octopus	33	3,437,214	3,437,247	28	3,603,784	3,603,812
Clams, cockles, arkshells	2,760,242	819,027	3,579,269	2,643,264	798,890	3,442,154
Scallops	951,390	568,866	1,520,256	1,154,410	655,280	1,809,690
Mussels	1,441,297	236,868	1,678,165	1,318,278	238,508	1,556,786
Abalones, winkles, conchs	2,444	105,022	107,466	3,210	108,714	111,924
Other mollusks	1,269,854	2,116,456	3,386,310	1,601,940	2,094,922	3,696,862
Sea urchins, other echinoderms	-	118,334	118,334	-	118,083	118,083
Miscellaneous	133,071	533,899	666,970	137,236	470,028	607,264
Total	**33,446,811**	**93,204,934**	**126,651,745**	**35,585,111**	**94,848,674**	**130,433,785**

Note:--Data for 1999 are revised. Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD AQUACULTURE AND COMMERCIAL CATCHES BY COUNTRY OF FISH, CRUSTACEANS, AND MOLLUSKS, 1999-2000

Country	1999			2000		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	----------Metric tons----------			----------Metric tons----------		
		Live-weight			Live-weight	
China	22,789,887	17,240,032	40,029,919	24,580,671	16,987,325	41,567,996
Peru	8,275	8,428,601	8,436,876	6,801	10,658,620	10,665,421
Japan	759,262	5,201,805	5,961,067	762,824	4,989,354	5,752,178
India	2,120,316	3,472,150	5,592,466	2,095,072	3,594,396	5,689,468
United States	478,679	4,749,646	5,228,325	428,262	4,745,321	5,173,583
Indonesia	749,269	3,986,919	4,736,188	788,500	4,140,045	4,928,545
Chile	274,216	5,050,528	5,324,744	391,587	4,300,160	4,691,747
Russian Federation	68,615	4,141,158	4,209,773	74,124	3,973,535	4,047,659
Thailand	691,790	2,928,806	3,620,596	706,999	2,923,579	3,630,578
Norway	475,830	2,620,073	3,095,903	487,920	2,703,415	3,191,335
Philippines	328,375	1,872,827	2,201,202	387,680	1,892,832	2,280,512
South Korea	303,106	2,119,678	2,422,784	323,218	1,823,175	2,146,393
Iceland	3,897	1,736,267	1,740,164	3,623	1,982,522	1,986,145
Viet Nam	467,267	1,386,300	1,853,567	510,555	1,441,590	1,952,145
Bangladesh	620,114	959,215	1,579,329	657,121	1,004,264	1,661,385
Denmark	42,670	1,405,005	1,447,675	43,609	1,534,089	1,577,698
Malaysia	155,127	1,251,768	1,406,895	151,773	1,289,245	1,441,018
Mexico	48,414	1,202,178	1,250,592	53,802	1,314,219	1,368,021
Taiwan	247,732	1,099,715	1,347,447	243,856	1,093,889	1,337,745
Spain	321,145	1,190,071	1,511,216	312,171	976,910	1,289,081
All others	2,492,825	21,162,192	23,655,017	2,574,943	21,480,189	24,055,132
Total	**33,446,811**	**93,204,934**	**126,651,745**	**35,585,111**	**94,848,674**	**130,433,785**

Note:--For the United States the weight of clams, oyster, scallop, and other mollusk includes the shell weight. This weight is not included in U.S. landings shown elsewhere. Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD AQUACULTURE AND COMMERCIAL CATCHES BY AREA OF FISH, CRUSTACEANS, AND MOLLUSKS, 1999-2000

Country	1999			2000		
	Aquaculture	Catch	Total	Aquaculture	Catch	Total
	----------Metric tons----------			----------Metric tons----------		
Marine Areas		Live-weight			Live-weight	
Atlantic Ocean:						
Northeast	1,345,433	10,506,120	11,851,553	1,302,905	10,919,569	12,222,474
Northwest	89,615	2,035,257	2,124,872	103,177	2,063,313	2,166,490
Eastern central	196	3,572,062	3,572,258	177	3,523,106	3,523,283
Western central	74,991	1,775,473	1,850,464	37,800	1,830,588	1,868,388
Southeast	2,892	1,248,675	1,251,567	2,240	1,343,814	1,346,054
Southwest	26,518	2,534,844	2,561,362	32,245	2,313,922	2,346,167
Mediterranean and Black Sea	315,785	1,536,359	1,852,144	355,614	1,485,046	1,840,660
Indian Ocean:						
Eastern	412,904	4,466,571	4,879,475	372,044	4,707,807	5,079,851
Western	44,965	4,013,963	4,058,928	40,301	3,902,294	3,942,595
Pacific Ocean:						
Northeast	93,412	2,591,652	2,685,064	97,531	2,517,680	2,615,211
Northwest	9,715,590	24,132,762	33,848,352	10,577,062	23,140,780	33,717,842
Eastern central	49,588	1,441,299	1,490,887	50,946	1,702,527	1,753,473
Western central	598,755	9,747,598	10,346,353	623,577	9,898,768	10,522,345
Southeast	400,091	14,178,059	14,578,150	447,481	15,822,076	16,269,557
Southwest	105,830	807,076	912,906	101,908	752,766	854,674
Antarctic	-	121,414	121,414	-	123,548	123,548
Inland Areas						
Africa	246,951	1,995,628	2,242,579	340,951	2,186,170	2,527,121
Asia	18,859,768	5,497,050	24,356,818	20,026,679	5,620,718	25,647,397
Europe	444,046	447,620	891,666	448,049	434,198	882,247
North America	440,229	186,505	626,734	426,743	190,849	617,592
South America	176,172	345,608	521,780	193,919	346,690	540,609
Oceania	3,080	23,339	26,419	3,762	22,445	26,207
Total	**33,446,811**	**93,204,934**	**126,651,745**	**35,585,111**	**94,848,674**	**130,433,785**

Note:--Data for marine mammals and aquatic plants are excluded.
Source:--Food and Agriculture Organization of the United Nations (FAO).

WORLD IMPORTS AND EXPORTS OF SEVEN FISHERY COMMODITY GROUPS, BY LEADING COUNTRIES, 1996-2000

Country	1996	1997	1998	1999	2000
	Thousand U.S. dollars				
IMPORTS:					
Japan	17,023,945	15,539,507	12,826,543	14,748,712	15,513,059
United States	7,080,411	8,138,840	8,578,766	9,407,307	10,453,251
Spain	3,134,893	3,069,601	3,545,751	3,286,831	3,351,670
France	3,194,133	3,062,051	3,505,333	3,280,940	2,983,618
Italy	2,590,985	2,571,868	2,808,587	2,728,568	2,535,269
Germany	2,542,957	2,362,914	2,623,741	2,288,523	2,262,018
United Kingdom	2,065,025	2,141,619	2,384,028	2,276,998	2,183,811
Hong Kong	1,928,143	2,096,894	1,611,747	1,593,661	1,948,824
Denmark	1,618,669	1,521,181	1,704,234	1,771,500	1,806,365
China	1,184,170	1,183,283	991,463	1,127,412	1,795,953
Other Countries	13,322,325	15,068,911	14,672,726	15,098,125	15,155,360
Total	**55,685,656**	**56,756,669**	**55,252,919**	**57,608,577**	**59,989,198**
EXPORTS:					
Thailand	4,117,865	4,329,541	4,031,279	4,109,860	4,367,332
China	2,856,986	2,937,281	2,656,117	2,959,530	3,605,838
Norway	3,415,696	3,399,229	3,661,174	3,764,790	3,532,841
United States	3,147,858	2,850,311	2,400,338	2,945,014	3,055,261
Canada	2,291,261	2,270,725	2,265,236	2,617,759	2,818,433
Denmark	2,698,976	2,648,911	2,897,707	2,884,334	2,755,676
Chile	1,697,211	1,781,805	1,596,800	1,699,516	1,784,560
Taiwan	1,762,132	1,779,800	1,579,836	1,702,363	1,756,133
Spain	1,447,170	1,471,306	1,529,315	1,604,237	1,599,631
Indonesia	1,678,222	1,620,628	1,628,494	1,527,092	1,584,454
Other Countries	27,684,118	28,291,890	26,917,092	26,993,949	28,355,542
Total	**52,797,495**	**53,381,427**	**51,163,388**	**52,808,444**	**55,215,701**

Note:-- Data for 1996-1999 are revised. Data on imports and exports cover the international trade of 176 countries or areas. The total value of exports is consistently less than the value of imports, probably because charges for insurance, freight, and similar expenses were included in the import value, but not in the export value. The seven fishery commodity groups covered by this table are: 1. Fish, fresh, chilled or frozen; 2. Fish, dried, salted, or smoked; 3. Crustaceans and mollusks, fresh, dried, salted, etc.; 4. Fish products and preparations, whether or not in airtight containers; 5. Crustacean and mollusk products preparations, whether or not in airtight containers; 6. Oils and fats, crude or refined, of aquatic animal origin; and 7. Meals, solubles, and similar animal foodstuffs of aquatic animal origin.
Source:--Food and Agriculture Organization of the United Nations (FAO).

DISPOSITION OF WORLD AQUACULTURE AND COMMERCIAL CATCHES, 1996-2000

Item	1996	1997	1998	1999	2000
	Percent of Total				
Marketed fresh	36.3	38.2	41.1	39.4	39.8
Frozen	20.3	20.1	20.6	19.3	19.0
Canned	8.6	8.7	8.9	8.4	8.2
Cured	8.0	7.2	8.1	7.4	7.1
Reduced to meal and oil (1)	22.9	21.1	16.9	20.2	21.1
Miscellaneous purposes	3.9	4.7	4.4	5.3	4.8
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

Note:-- Data for 1996-1999 are revised. Data for marine mammals and aquatic plants are excluded. (1) Only whole fish destined for the manufacture of oils and meals are included. Raw material for reduction derived from fish primarily destined for marketing fresh, frozen, canned, cured, and miscellaneous purposes is excluded; such waste quantities are included under the other disposition channels.
Source:--Food and Agriculture Organization of the United Nations (FAO).

FRESH AND FROZEN

FISH FILLETS AND STEAKS. In 2001 the U.S. production of raw (uncooked) fish fillets and steaks, including blocks, was 476.9 million pounds–109.2 million pounds more than the 367.7 million pounds in 2000. These fillets and steaks were valued at $915.0 million. Alaska pollock fillets and blocks led all species with 271.3 million pounds–57 percent of the total. Production of groundfish fillets and steaks (see Glossary Section-Groundfish) was 336.8 million pounds.

FISH STICKS AND PORTIONS. The combined production of fish sticks and portions was 232.2 million pounds valued at $276.7 million compared with the 2000 production of 222.7 million pounds valued at $275.9 million.

The total production of fish sticks amounted to 43.0 million pounds valued at $41.5 million. The total production of fish portions amounted to 189.2 million pounds valued at $235.2 million.

BREADED SHRIMP. The production of breaded shrimp in 2001 was 152.2 million pounds valued at $539.6 million, compared with the 2000 production of 121.4 million pounds valued at $375.5 million.

FROZEN FISHERY TRADE. In 2001, stocks of frozen fishery products in cold storage were at a low of 313.6 million pounds on July 31 and a high of 399.1 million pounds on November 30. Cold storage holdings of shrimp products were at a high of 57.1 million pounds on December 31 and a low of 33.3 million pounds on August 31. Holdings of saltwater fillets and steaks reached a high of 90.9 million pounds on April 30 and were at a low of 66.6 million pounds on July 31. Holdings of blocks and slabs were at a high of 44.6 million pounds on December 31 and a low of 22.5 million pounds on March 31. Surimi reached a high of 19.7 million pounds on March 31 and was at a low of 13.1 million pounds on December 31. Analog Products reached a high of 11.3 million pounds on October 31 and a low of 4.6 million pounds on February 28.

CANNED PRODUCTS

CANNED FISHERY PRODUCTS. The pack of canned fishery products in the 50 states, American Samoa, and Puerto Rico was 1.7 billion pounds valued at $1.4 billion—a decrease of 83.0 million pounds and $224.1 million compared with the 2000 pack. The 2001 pack included 885.3 million pounds valued at $1.1 billion for human consumption and 778.6 million pounds valued at $290.8 million for bait and animal food.

CANNED SALMON. The 2001 U.S. pack of salmon was 211.8 million pounds valued at $258.9 million, compared with 171.1 million pounds valued at $287.9 million packed in 2000.

CANNED SARDINES. The pack of Maine sardines (small herring) can not be shown due to the confidential nature of the data.

CANNED TUNA. The U.S. pack of tuna was 507.4 million pounds valued at $658.2 million—a decrease of 163.9 million pounds in quantity and $197.4 million in value compared with the 2000 pack. The pack of albacore tuna was 184.1 million pounds comprising 36 percent of the tuna pack in 2001. Lightmeat tuna (bigeye, bluefin, skipjack, and yellowfin) comprised the remainder with a pack of 323.3 million pounds.

CANNED CLAMS. The 2001 U.S. pack of clams (whole, minced, chowder, juice, and specialties) was 126.2 million pounds valued at $124.5 million. The pack of whole and minced clams was 41.7 million pounds and accounted for 33 percent of the total clam pack. Clam chowder and clam juice was 76.6 million pounds and made up the majority of the pack.

OTHER CANNED ITEMS. The pack of pet food was 778.6 million pounds valued at $290.8 million—an increase of 39.8 million pounds compared with the 2000 pack.

INDUSTRIAL FISHERY PRODUCTS

INDUSTRIAL FISHERY PRODUCTS. The value of the domestic production of industrial fishery products was $229.5 million—an increase of $10.7 million compared with the 2000 value of $218.8 million.

FISH MEAL. The domestic production of fish and shellfish meal was 644.0 million pounds valued at $126.2 million–an increase of 5.8 million pounds, and $11.3 million compared with 2000. Fish meal production was 635.9 million pounds valued at $125.7 million—an increase of 8.8 million pounds and $11.4 million from the 2000 production. Shellfish meal production was 8.0 million pounds—a decrease of 3.0 million pounds from the 2000 level.

FISH OILS. The domestic production of fish oils was 279.4 million pounds valued at $47.7 million—an increase of 87.1 million pounds and $26.7 million in value compared with 2000 production.

OTHER INDUSTRIAL PRODUCTS. Oyster shell products, together with agar-agar, animal feeds, crab and clam shells processed for food serving, fish pellets, Irish moss extracts, kelp products, dry and liquid fertilizers, pearl essence, and mussel shell buttons were valued at $55.6 million, compared with $83.0 million in 2000—a decrease of $27.4 million

VALUE OF PROCESSED FISHERY PRODUCTS, 2000 AND 2001
(Processed from domestic catch and imported products)

Item	2000 (1)		2001	
	Thousand dollars	Percent of total	Thousand dollars	Percent of total
Edible:				
Fresh and frozen	6,062,616	75	5,562,973	76
Canned	1,334,012	16	1,111,072	15
Cured	179,144	2	160,637	2
Total edible	**7,575,772**	**94**	**6,834,682**	**93**
Industrial:				
Bait and animal food (canned)	291,992	4	290,840	4
Meal and oil	135,815	2	173,908	2
Other	83,023	1	55,628	1
Total industrial	**510,830**	**6**	**520,376**	**7**
Grand total	**8,086,602**	**100**	**7,355,058**	**100**

(1) Revised. May not add due to rounding. Value is based on selling price at the plant.

U.S. PRODUCTION OF FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, 1992-2001

Year	Fish sticks			Fish portions			Breaded shrimp		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
1992	58,295	26,442	56,020	194,307	88,137	296,214	122,266	55,459	350,497
1993	67,959	30,826	67,975	206,165	93,516	313,195	111,489	50,571	316,722
1994	58,789	26,667	51,429	196,289	89,036	268,353	113,461	51,466	304,931
1995	74,066	33,596	73,478	251,217	113,951	356,518	100,522	45,596	299,355
1996	65,244	29,594	55,802	213,962	97,053	306,501	108,486	49,209	341,770
1997	69,167	31,374	64,298	195,554	88,703	285,348	117,471	53,284	334,939
1998	68,778	31,197	63,473	184,681	83,771	211,356	109,481	49,660	333,257
1999	65,019	29,492	63,396	203,279	92,207	269,125	119,149	54,046	351,891
2000	39,925	18,110	42,549	182,736	82,889	233,368	121,399	55,066	375,453
2001	43,014	19,511	41,539	189,186	85,814	235,192	152,192	69,034	539,631

PRODUCTION OF FRESH AND FROZEN FILLETS AND STEAKS, BY SPECIES, 2000 AND 2001

Species	2000 (1)			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Fillets:						
Amberjack	104	47	419	110	50	426
Anglerfish	2,624	1,190	7,514	1,981	899	5,526
Bluefish	96	44	253	234	106	662
Cod	55,599	25,220	166,576	40,106	18,192	123,278
Cusk	79	36	276	70	32	240
Dolphin	3,329	1,510	13,647	3,738	1,696	15,623
Drum	7	3	29	7	3	30
Flounders	26,620	12,075	71,454	30,558	13,861	75,977
Groupers	1,771	803	12,389	2,881	1,307	18,698
Haddock	5,804	2,633	23,780	6,330	2,871	27,088
Hake	8,279	3,755	6,149	14,287	6,481	9,595
Halibut	2,852	1,294	16,516	3,496	1,586	18,080
Lingcod	183	83	526	248	112	670
Marlins	440	200	1,404	161	73	682
Ocean perch:						
Atlantic	464	210	1,416	400	181	1,214
Pacific	2,181	989	4,963	1,914	868	4,405
Pollock:						
Atlantic	1,893	859	3,976	2,474	1,122	7,560
Alaska	159,754	72,464	177,916	271,254	123,040	296,456
Rockfishes	10,583	4,800	24,559	9,200	4,173	21,370
Sablefish	188	85	806	92	42	455
Salmon	23,749	10,772	67,368	29,827	13,529	83,390
Sea bass	405	184	2,757	477	216	3,251
Sea trout	157	71	681	177	80	757
Shark	683	310	1,639	556	252	1,401
Snapper	1,731	785	11,194	1,184	537	7,458
Swordfish	5,335	2,420	31,407	3,910	1,774	24,425
Tilapia	673	305	1,837	1,180	535	3,430
Tuna	7,178	3,256	47,449	7,089	3,216	49,627
Wahoo	215	98	1,155	155	70	907
Whitefish	801	363	2,124	289	131	1,104
Wolffish	68	31	169	76	34	222
Unclassified	11,986	5,437	39,030	12,404	5,626	41,207
Total	**335,831**	**152,332**	**741,378**	**446,865**	**202,697**	**845,214**
Steaks:						
Halibut	8,049	3,651	34,459	6,926	3,142	27,732
Salmon	1,977	897	6,840	2,178	988	6,942
Swordfish	2,736	1,241	11,944	1,771	803	7,496
Tuna	4,069	1,846	12,934	3,837	1,740	11,860
Unclassified	15,018	6,812	15,838	15,283	6,932	15,743
Total	**31,849**	**14,447**	**82,015**	**29,995**	**13,606**	**69,773**
Grand total	**367,680**	**166,779**	**823,393**	**476,860**	**216,302**	**914,987**

(1) Revised

Note:--Some fillet products were futher processed into frozen blocks.

PRODUCTION OF CANNED FISHERY PRODUCTS, BY SPECIES, 2000 AND 2001

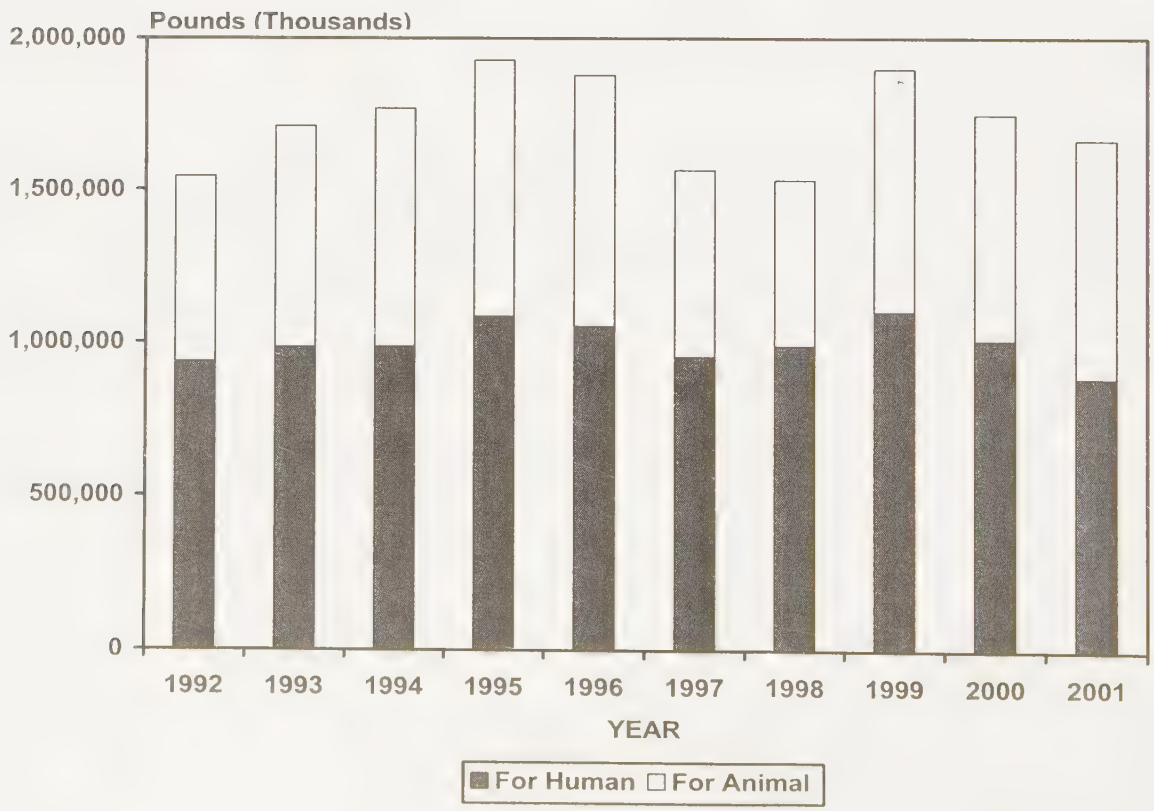
Species	Pounds per case	2000 (1)			2001		
		Standard cases	Thousand pounds	Thousand dollars	Standard cases	Thousand pounds	Thousand dollars
For human consumption:							
Fish:							
Herring	23.4	(5)	(5)	(5)	(5)	(5)	(5)
Salmon:							
Chinook	44.25	2,689	119	146	4,181	185	312
Chum	44.25	192,814	8,532	6,406	92,814	4,107	2,973
Pink	44.25	2,352,972	104,119	111,517	3,759,842	166,373	166,932
Coho	44.25	75,684	3,349	5,624	73,311	3,244	5,162
Sockeye	44.25	1,243,073	55,006	164,171	855,955	37,876	83,570
Total salmon		**3,867,232**	**171,125**	**287,864**	**4,786,102**	**211,785**	**258,949**
Specialties	48	16,104	773	6,214	15,167	728	5,721
Sardines, Maine	23.4	(5)	(5)	(5)	(5)	(5)	(5)
Tuna: (2)							
Albacore:							
Solid	18	8,888,056	159,985	334,573	8,502,111	153,038	314,267
Chunk	18	1,815,667	32,682	58,408	1,725,000	31,050	57,251
Total albacore		**10,703,722**	**192,667**	**392,981**	**10,227,111**	**184,088**	**371,518**
Lightmeat:							
Solid	18	424,667	7,644	10,590	391,389	7,045	9,228
Chunk	18	26,168,333	471,030	451,964	17,571,333	316,284	277,409
Total lightmeat		**26,593,000**	**478,674**	**462,554**	**17,962,722**	**323,329**	**286,637**
Total tuna		**37,296,722**	**671,341**	**855,535**	**28,189,833**	**507,417**	**658,155**
Specialties	48	833	40	351	917	44	378
Other	48	624,313	29,967	44,374	650,354	31,217	46,159
Total fish	--	**41,805,204**	**873,246**	**1,194,338**	**33,642,373**	**751,191**	**969,362**
Shellfish:							
Clam and clam products: (3)							
Whole and minced	15	2,859,400	42,891	70,885	2,777,400	41,661	74,561
Chowder and juice	30	2,487,833	74,635	41,491	2,554,433	76,633	42,824
Specialties	48	191,083	9,172	7,399	165,604	7,949	7,134
Total clams	--	**5,538,317**	**126,698**	**119,775**	**5,497,438**	**126,243**	**124,519**
Crabs, natural	20	1,590	31	374	308	6	109
Lobster meat and specialties	48	12,125	582	662	8,292	398	538
Oyster, specialties	48	8,938	429	628	11,896	571	817
Shrimp, natural (4)	6.75	282,963	1,910	11,430	235,852	1,592	10,098
Other	48	108,375	5,202	6,805	111,375	5,346	5,629
Total shellfish	--	**5,952,307**	**134,852**	**139,674**	**5,865,160**	**134,156**	**141,710**
Total for human consumption	--	**47,757,511**	**1,008,098**	**1,334,012**	**39,507,532**	**885,347**	**1,111,072**
For bait and animal food	48	15,392,104	738,821	291,992	16,220,688	778,593	290,840
Grand total	--	**63,149,615**	**1,746,919**	**1,626,004**	**55,728,220**	**1,663,940**	**1,401,912**

(1) Revised.
(2) Flakes included with chunk.
(3) "Cut out" or "drained" weight of can contents are given for whole or minced clams, and net contents for other clam products.
(4) Drained weight.
(5) Confidential included with 'Other.'

PRODUCTION OF CANNED FISHERY PRODUCTS, 1992-2001

Year	For human consumption			For animal food and bait			Total		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
1992	936,117	424,620	1,330,173	607,678	275,641	247,261	1,543,795	700,261	1,577,434
1993	983,225	445,988	1,375,377	725,822	329,231	312,597	1,709,047	775,219	1,687,974
1994	985,675	447,099	1,470,234	782,272	354,836	325,264	1,767,947	801,935	1,795,498
1995	1,084,866	492,092	1,544,208	842,351	382,088	342,842	1,927,217	874,180	1,887,050
1996	1,052,909	477,596	1,428,937	824,094	373,807	370,945	1,877,003	851,403	1,799,882
1997	952,755	432,167	1,361,437	612,320	277,747	231,756	1,565,075	709,913	1,593,193
1998	988,693	448,468	1,425,564	544,328	246,906	349,765	1,533,021	695,374	1,775,329
1999	1,100,329	499,106	1,521,880	796,769	361,412	339,548	1,897,098	860,518	1,861,428
2000	1,008,098	457,270	1,334,012	738,821	335,127	291,992	1,746,919	792,397	1,626,004
2001	885,347	401,591	1,111,072	778,593	353,167	290,840	1,663,940	754,758	1,401,912

Production of Canned Fishery Products, 1992-2001



PRODUCTION OF MEAL AND OIL, 2000 AND 2001

Product	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Dried scrap and meal:						
Fish	627,180	284,487	114,247	635,945	288,463	125,679
Shellfish	11,064	5,019	654	8,049	3,651	567
Total, scrap and meal	**638,244**	**289,506**	**114,901**	**643,994**	**292,114**	**126,246**
Body oil, total	**192,348**	**87,248**	**20,914**	**279,416**	**126,742**	**47,662**

Note:--To convert pounds of oil to gallons divide by 7.75.
The above data includes products in American Samoa and Puerto Rico.

PRODUCTION OF INDUSTRIAL PRODUCTS, 1992-2001

Year	Scrap and meal		Marine animal oil		Meal and oil	Other industrial products	Grand total
	Thousand pounds	Metric tons	Thousand pounds	Metric tons	Thousand dollars		
1992	644,512	292,349	184,725	83,791	157,693	45,310	203,003
1993	750,744	340,535	293,452	133,109	182,170	43,689	225,859
1994	807,833	366,431	291,882	132,397	186,222	61,992	248,214
1995	667,240	302,658	241,941	109,744	172,279	74,264	246,543
1996	643,124	291,719	248,399	112,673	187,968	85,583	273,551
1997	724,668	328,707	283,379	128,540	229,222	118,128	347,350
1998	613,434	278,252	222,697	101,015	172,574	60,800	233,374
1999	686,250	311,281	286,182	129,811	188,854	79,325	268,179
2000	638,244	289,506	192,348	87,248	135,815	83,023	218,838
2001	643,994	292,114	279,416	126,742	173,908	55,628	229,536

Note:--Does not include the value of imported items that may be further processed.

U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 2001

Species	January	February	March	April	May	June
Fish	Thousand pounds					
Saltwater:						
Blocks and slabs:						
Cod	1,699	1,619	2,299	1,415	1,537	1,457
Flounder and sole	368	381	301	243	137	271
Haddock	576	595	464	276	489	391
Ocean perch	339	302	359	299	290	131
Pollock:						
Alaska (walleye)	9537	7074	6028	5639	12462	7463
Atlantic or other	9,741	9,302	7,881	5,343	5,493	8,633
Whiting:						
Silver (Atlantic) hake	505	496	277	175	447	518
Pacific hake	0	0	0	191	41	63
Minced	10,764	9,200	3,273	3,991	5,427	6,375
Unclassified (1)	1,483	1,622	1,596	1,377	1,613	1,501
Total, blocks and slabs	**35,013**	**30,591**	**22,479**	**18,948**	**27,936**	**26,803**
Fillets and steaks:						
Cod	26,076	24,506	24,559	26,412	27,723	26,095
Flounder and sole	5,360	5,009	4,363	4,557	5,096	5,576
Haddock	2,596	2,482	2,486	2,338	617	600
Halibut	2,353	2,225	2,113	2,136	2,239	2,229
Ocean perch	1,030	1,062	1,151	1,144	1,422	1,668
Pollock:						
Alaska (walleye)	20,345	18,399	22,081	23,283	18,043	13,266
Atlantic or other	2,557	2,298	2,006	1,887	2,238	1,867
Rockfish	600	584	474	392	341	306
Salmon	4,593	3,773	3,263	3,533	3,065	2,901
Whiting:						
Silver (Atlantic) hake	4,337	3,789	3,173	2,616	2,682	3,898
Pacific hake	74	38	36	33	27	58
Unclassified	10,366	9,564	23,186	22,610	25,388	23,387
Total, fillets and steaks	**80,286**	**73,728**	**88,891**	**90,940**	**88,881**	**81,851**
Round, dressed, etc.:						
Halibut (exc. California)	6,665	4,649	3,209	2,753	2,993	4,965
Sablefish	456	277	220	386	793	1,061
Salmon:						
Chinook or king	1,269	1,074	888	712	586	753
Silver or coho	6,798	5,190	3,219	2,592	1,712	1,227
Chum or fall	18,433	14,310	9,177	5,727	2,278	2,798
Pink	1,655	726	551	328	265	232
Sockeye	1,221	877	740	629	466	889
Unclassified	2,944	2,843	2,513	2,106	1,383	1,282
Total, salmon	**32,320**	**25,019**	**17,087**	**12,094**	**6,689**	**7,181**
Whiting:						
Silver (Atlantic) hake	32	56	84	111	253	82
Pacific hake	98	31	22	21	6	0
Unclassified (exc. bait)	25,785	23,886	23,768	21,028	21,691	20,008
Total, round, dressed, etc.	**65,356**	**53,918**	**44,390**	**36,393**	**32,425**	**33,297**

See footnotes at end of table.

(Continued)

U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 2001 - Continued

Species	July	August	September	October	November	December
Fish	Thousand pounds					
Saltwater:						
Blocks and slabs:						
Cod	1,650	1,534	1,367	1,652	1,662	2,180
Flounder and sole	324	363	279	195	220	274
Haddock	336	185	367	348	664	409
Ocean perch	221	176	113	118	136	538
Pollock:						
Alaska (walleye)	5,792	6,412	8,944	7,970	17,168	16,871
Atlantic or other	8,544	9,130	13,066	12,904	5,183	8,514
Whiting:						
Silver (Atlantic) hake	284	163	716	488	429	375
Pacific hake	175	149	68	6	6	38
Minced	6,141	5,458	6,648	7,417	8,040	9,011
Unclassified (1)	1,486	1,677	1,663	2,215	3,192	6,435
Total, blocks and slabs	**24,954**	**25,246**	**33,230**	**33,312**	**36,700**	**44,646**
Fillets and steaks:						
Cod	24,866	22,631	18,395	21,410	21,549	19,533
Flounder and sole	5,131	5,332	5,166	5,812	5,750	5,723
Haddock	3,262	2,932	2,850	2,787	2,939	3,161
Halibut	2,134	2,249	2,498	2,579	2,615	2,412
Ocean perch	1,072	1,095	1,058	1,076	1,926	2,175
Pollock:						
Alaska (walleye)	11,019	12,738	16,384	19,194	18,890	14,430
Atlantic or other	1,738	1,542	1,484	1,526	3,610	4,232
Rockfish	681	984	990	698	623	461
Salmon	3,462	5,214	6,130	6,228	6,800	6,458
Whiting:						
Silver (Atlantic) hake	3,321	3,279	3,386	3,709	5,058	4,945
Pacific hake	152	37	176	37	3,034	399
Unclassified	9,780	10,198	8,793	9,324	17,680	15,369
Total, fillets and steaks	**66,619**	**68,232**	**67,310**	**74,379**	**90,473**	**79,296**
Round, dressed, etc.:						
Halibut (exc. California)	6,761	8,597	9,390	9,848	8,414	7,033
Sablefish	1,782	1,043	1,650	1,141	889	790
Salmon:						
Chinook or king	2,248	2,480	3,684	3,459	3,231	3,041
Silver or coho	2,531	6,197	8,893	10,420	9,940	8,677
Chum or fall	16,443	27,327	27,978	27,132	31,606	27,879
Pink	2,454	7,849	7,665	4,998	4,454	3,499
Sockeye	2,905	5,543	5,948	4,961	3,544	2,852
Unclassified	1,407	2,134	2,452	2,655	2,752	2,817
Total, salmon	**27,987**	**51,530**	**56,620**	**53,625**	**55,528**	**48,766**
Whiting:						
Silver (Atlantic) hake	1	1	575	444	172	1
Pacific hake	49	2	1	15	283	2,462
Unclassified (exc. bait)	23,278	20,295	24,398	23,705	16,513	15,364
Total, round, dressed, etc.	**59,858**	**81,468**	**92,634**	**88,778**	**81,799**	**74,416**

See footnotes at end of table.

(Continued)

U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 2001 - Continued

Species	January	February	March	April	May	June
	Thousand pounds					
Fish						
Fish sticks and portions (2):	**32,893**	**28,817**	**26,009**	**27,687**	**29,759**	**29,644**
Analog products	5,789	4,611	5,335	5,166	5,044	4,631
Surimi: Pollock	13,153	11,765	11,941	11,783	10,100	12,253
Other	4,342	3,996	7,710	7,476	5,918	4,524
Total, saltwater	**236,832**	**207,426**	**206,755**	**198,392**	**200,063**	**193,003**
Freshwater						
Fillets and steaks:	366	119	173	112	120	98
Catfish	12,358	11,187	11,583	12,064	12,525	12,630
Rainbow trout	1,130	1,291	1,211	1,148	1,221	1,328
Unclassified (exc. bait)	282	273	59	58	131	86
Total, freshwater	**14,135**	**12,870**	**13,026**	**13,382**	**13,998**	**14,143**
Bait & animal food	**9,207**	**9,818**	**15,584**	**15,310**	**14,555**	**14,533**
Shellfish						
Clams and clam meats	2,281	1,390	1,528	1,004	1,645	2,016
Crabs:						
Dungeness	535	407	235	147	126	374
King:						
Meat	111	122	86	120	156	208
Sections	8,992	8,058	7,556	6,128	5,702	4,198
Snow:						
Meat	925	767	962	835	736	786
Sections	14,052	12,693	15,565	14,742	14,781	14,565
Unclassified	3,224	2,494	1,532	1,101	2,518	3,459
Total, crab	**27,838**	**24,540**	**25,937**	**23,074**	**24,020**	**23,589**
Lobsters:						
Spiny (tails)	1,822	1,997	1,588	1,502	1,158	1,175
Unclassified (whole & meat)	5,151	4,410	4,324	3,430	2,397	2,704
Oyster meats	200	265	322	373	404	456
Scallop meats	6,053	7,560	6,896	6,943	7,033	7,416
Shrimp:						
Raw, headless	5,271	5,120	4,176	3,703	3,013	2,664
Breaded	4,048	4,233	4,075	4,247	4,224	4,267
Peeled	19,669	19,357	18,196	18,751	16,744	18,128
Unclassified	15,720	15,667	13,751	12,724	9,988	11,129
Total, shrimp	**44,707**	**44,377**	**40,198**	**39,425**	**33,970**	**36,189**
Squid	11,967	14,811	14,106	13,774	10,814	9,285
Unclassified shellfish	13,197	10,050	6,958	6,698	7,661	7,523
Total, shellfish	**113,217**	**109,401**	**101,857**	**96,222**	**89,102**	**90,352**
Total, fish and shellfish	**373,391**	**339,514**	**337,222**	**323,306**	**317,717**	**312,031**
Cured fish (all categories)	**1,459**	**1,683**	**2,102**	**1,914**	**1,590**	**2,106**
Grand total	**374,851**	**341,197**	**339,324**	**325,219**	**319,307**	**314,137**

See footnotes at end of table.

(Continued)

U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 2001 - Continued

Species	July	August	September	October	November	December
Fish	Thousand pounds					
Fish sticks and portions (2):	**28,003**	**27,820**	**26,702**	**20,010**	**23,062**	**32,162**
Analog products	5,014	5,207	5,264	11,262	5,391	4,920
Surimi: Pollock	9,948	12,212	11,704	10,329	12,148	10,673
Other	4,098	4,094	5,525	5,383	2,577	2,396
Total, saltwater	**198,495**	**224,279**	**242,370**	**243,452**	**252,150**	**248,510**
Freshwater						
Fillets and steaks	67	87	348	379	89	332
Catfish	12,308	12,167	13,290	14,298	14,830	15,508
Rainbow trout	1,608	1,638	1,415	1,444	1,782	1,872
Unclassified (exc. bait)	123	194	184	202	237	307
Total, freshwater	**14,106**	**14,087**	**15,238**	**16,323**	**16,937**	**18,019**
Bait & animal food	**13,444**	**14,691**	**16,184**	**14,259**	**11,836**	**9,593**
Shellfish						
Clams and clam meats	2,956	2,608	2,577	1,802	1,291	1,243
Crabs:						
Dungeness	1,393	1,286	1,164	1,390	1,107	1,247
King:						
Meat	181	235	239	207	220	203
Sections	3,771	3,472	4,404	3,340	6,036	6,138
Snow:						
Meat	759	874	915	661	865	1,012
Sections	11,823	10,891	10,021	12,070	12,519	10,219
Unclassified	5,173	5,709	5,829	6,057	4,677	3,842
Total, crab	**23,099**	**22,466**	**22,572**	**23,725**	**25,426**	**22,661**
Lobsters:						
Spiny (tails)	1,044	1,067	1,159	1,511	1,502	1,544
Unclassified (whole & meat)	3,217	3,851	5,361	6,560	6,528	6,715
Oyster meats	464	463	469	418	383	340
Scallop meats	6,605	6,050	5,742	5,205	3,500	3,108
Shrimp:						
Raw, headless	3,014	3,636	5,229	7,832	8,708	9,182
Breaded	3,644	3,725	4,138	4,219	5,125	5,284
Peeled	18,648	16,701	19,349	24,007	27,375	29,404
Unclassified	9,755	9,199	11,409	12,476	13,679	13,206
Total, shrimp	**35,061**	**33,260**	**40,125**	**48,535**	**54,888**	**57,076**
Squid	6,553	6,648	5,252	7,722	10,996	6,816
Unclassified shellfish	6,243	6,326	6,895	8,711	9,815	10,250
Total, shellfish	**85,242**	**82,740**	**90,151**	**104,189**	**114,328**	**109,752**
Total, fish and shellfish	**311,287**	**335,796**	**363,942**	**378,223**	**395,251**	**385,873**
Cured fish (all categories)	**2,290**	**3,067**	**4,037**	**4,249**	**3,843**	**3,135**
Grand total	**313,577**	**338,863**	**367,979**	**382,471**	**399,094**	**389,009**

(1) Unclassified may also include blacks and slabs made from species listed separately.
(2) Fish sticks and portions include all species that are either cooked or uncooked.
Note:--Data includes imported fishery products. Data for these tables were collected from public and private warehouses where fishery products are normally stored for 30 days or more. Totals may not agree with annual report due to rounding.

IMPORTS

U.S. imports of edible fishery products in 2001 were valued at a record $9.9 billion, $189.6 million less than in 2000. The quantity of edible imports was 4.1 billion pounds, 123.8 million pounds more than the quantity imported in 2000.

Edible imports consisted of 3.4 billion pounds of fresh and frozen products valued at $8.8 billion, 539.3 million pounds of canned products valued at $774.2 million, 71.7 million pounds of cured products valued at $150.1 million, 5.1 million pounds of caviar and roe products valued at $43.2 million, and 37.1 million pounds of other products valued at $64.8 million.

The quantity of shrimp imported in 2001 was 882.6 million pounds, 121.8 million pounds more than the quantity imported in 2000. Valued at $3.6 billion, shrimp imports accounted for 37 percent of the value of total edible imports. Imports of fresh and frozen tuna were 404.8 million pounds, 40.4 million pounds less than the 445.2 million pounds imported in 2000. Imports of canned tuna were 292.2 million pounds, 20.8 million pounds less than in 2000. Imports of fresh and frozen fillets and steaks amounted to 795.5 million pounds, an increase of 60.8 million pounds from 2000. Regular and minced block imports were 146.7 million pounds, a decrease of 57.2 million pounds from 2000.

Imports of nonedible fishery products were valued at $8.7 billion -- a decrease of $276.7 million compared with 2000. The total value of edible and nonedible products was $18.5 billion in 2001, 466.3 million less than in 2000 when $19.0 billion of fishery products were imported.

EXPORTS

U.S. exports of edible fishery products were 2.6 billion pounds valued at $3.2 billion, an increase of 400.0 million pounds and $242.8 million when compared with 2000. Fresh and frozen items were 2.2 billion pounds valued at $2.3 billion, an increase of 364.2 million pounds, and $81.8 million compared with 2000. In terms of individual items, fresh and frozen exports consisted principally of 209.1 million pounds of salmon valued at $300.7 million, 402.3 million pounds of surimi valued at $301.5 million and 59.6 million pounds of lobsters valued at $260.3 million.

Canned items were 183.2 million pounds valued at $240.0 million. Salmon was the major canned item exported, with 110.1 million pounds valued at $168.3 million. Cured items were 22.8 million pounds valued at $31.3 million. Caviar and roe exports were 107.5 million pounds valued at $566.9 million.

Exports of nonedible products were valued at $8.6 billion compared with $7.8 billion in 2000. Exports of fish meal amounted to 238.0 million pounds valued at $67.7 million. The total value of edible and nonedible exports was $11.8 billion--an increase of $1.1 billion compared with 2000.

U.S. Trade in Edible Fishery Products, 2001

FISHERY PRODUCTS IMPORTS, BY PRINCIPAL ITEMS, 2000 AND 2001

Item	2000			2001		
Edible fishery products:	Thousand	Metric	Thousand	Thousand	Metric	Thousand
Fresh and frozen:	pounds	tons	dollars	pounds	tons	dollars
Whole or eviscerated:						
Freshwater	100,208	45,454	91,320	131,723	59,749	98,351
Flatfish	35,298	16,011	87,624	33,534	15,211	78,141
Groundfish	57,218	25,954	55,830	51,764	23,480	48,897
Salmon	151,339	68,647	333,059	158,835	72,047	323,476
Tuna (1)	445,212	201,947	520,143	404,811	183,621	515,327
Other	273,600	124,104	390,505	261,406	118,573	361,126
Fillets and steaks:						
Freshwater	64,767	29,378	157,741	91,083	41,315	204,150
Flatfish	58,880	26,708	124,064	47,952	21,751	103,447
Groundfish	224,955	102,039	420,673	194,684	88,308	358,316
Other	386,109	175,138	951,094	461,806	209,474	955,023
Blocks and slabs	203,903	92,490	208,700	146,681	66,534	158,952
Surimi	1,733	786	1,660	1,642	745	1,403
Shrimp	757,099	343,418	3,748,667	878,308	398,398	3,617,141
Crabmeat	21,270	9,648	114,604	28,470	12,914	153,862
Lobster:						
American	64,211	29,126	417,542	67,485	30,611	431,470
Spiny	30,406	13,792	354,253	24,226	10,989	295,662
Scallops (meats)	53,649	24,335	212,424	39,696	18,006	128,365
Other fish and shellfish	380,518	172,602	929,833	424,661	192,625	998,963
Total, fresh and frozen	**3,310,377**	**1,501,577**	**9,119,736**	**3,448,768**	**1,564,351**	**8,832,072**
Canned:						
Anchovy	7,870	3,570	19,966	7,582	3,439	18,058
Herring	11,654	5,286	14,054	9,090	4,123	9,775
Mackerel	26,733	12,126	13,664	26,327	11,942	12,717
Salmon	5,161	2,341	11,480	6,362	2,886	11,815
Sardines	62,236	28,230	70,941	54,758	24,838	60,888
Tuna	312,967	141,961	258,531	292,202	132,542	314,105
Clams	12,773	5,794	12,921	14,284	6,479	15,684
Crabmeat	31,246	14,173	154,062	36,923	16,748	214,243
Lobsters	46	21	634	79	36	981
Oysters	13,591	6,165	26,389	11,945	5,418	23,668
Shrimp	3,655	1,658	8,661	4,273	1,938	9,657
Balls, cakes, and puddings	15,679	7,112	22,044	18,635	8,453	24,905
Other fish and shellfish	52,679	23,895	56,721	56,808	25,768	57,741
Total, canned	**556,291**	**252,332**	**670,068**	**539,267**	**244,610**	**774,237**
Cured:						
Dried	17,454	7,917	53,046	15,509	7,035	46,481
Pickled or salted	41,969	19,037	60,118	42,943	19,479	60,891
Smoked or kippered	9,471	4,296	31,677	13,212	5,993	42,744
Total, cured	**68,894**	**31,250**	**144,841**	**71,665**	**32,507**	**150,116**
Caviar and roe	5,739	2,603	45,803	5,154	2,338	43,210
Prepared meals	5,523	2,505	16,410	5,798	2,630	19,614
Other fish and shellfish	31,420	14,252	57,187	31,341	14,216	45,183
Total edible fishery products	**3,978,243**	**1,804,519**	**10,054,045**	**4,101,993**	**1,860,652**	**9,864,432**
Nonedible fishery products:						
Meal and scrap	79,013	35,840	18,122	113,277	51,382	26,838
Fish oils	27,220	12,347	19,093	23,532	10,674	16,832
Other	-	-	8,922,176	-	-	8,639,068
Total nonedible fishery products	-	-	**8,959,391**	-	-	**8,682,738**
Grand total	-	-	**19,013,436**	-	-	**18,547,170**

(1) Includes loins and discs.

Note:--Data include imports into the United States and Puerto Rico and landings of tuna by foreign vessels at American Samoa. Statistics on imports are the weight of individual products as exported, i.e., fillets, steaks, headed, etc. Imports and Exports of Fishery Products, Annual Summary, 2001, Current Fishery Statistics No. 2001-2 provides additional information.

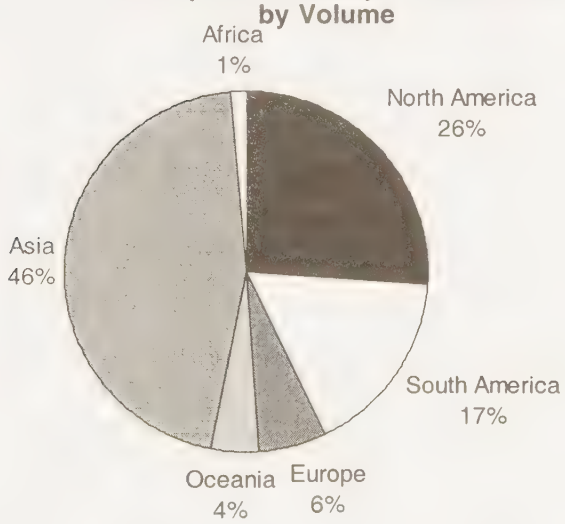
Source:—U.S. Department of Commerce, Bureau of the Census.

EDIBLE AND NONEDIBLE FISHERY PRODUCTS IMPORTS, 1992-2001

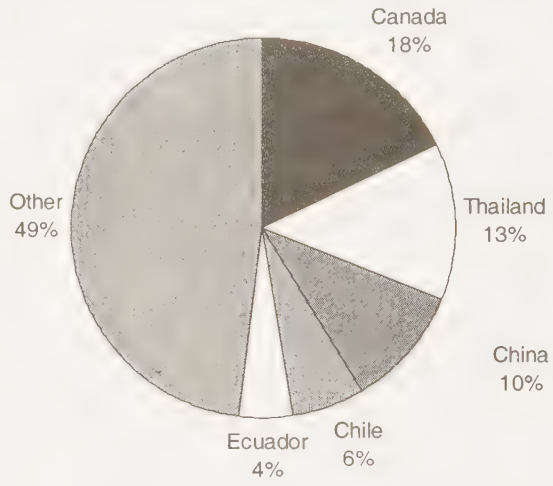
Year	Edible		Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars	
1992	2,893,954	1,312,689	5,705,876	4,165,386	9,871,262
1993	2,917,160	1,323,215	5,848,738	4,773,649	10,622,387
1994	3,034,841	1,376,595	6,645,132	5,341,740	11,986,872
1995	3,066,458	1,390,936	6,791,690	5,659,933	12,451,623
1996	3,169,787	1,437,806	6,729,614	6,330,741	13,060,355
1997	3,338,849	1,514,492	7,754,243	6,774,083	14,528,326
1998	3,647,021	1,654,278	8,173,185	7,459,487	15,632,672
1999	3,887,891	1,763,536	9,013,886	8,025,696	17,039,582
2000	3,978,243	1,804,519	10,054,045	8,959,391	19,013,436
2001	4,101,993	1,860,652	9,864,432	8,682,738	18,547,170

Source:--U.S. Department of Commerce, Bureau of the Census.

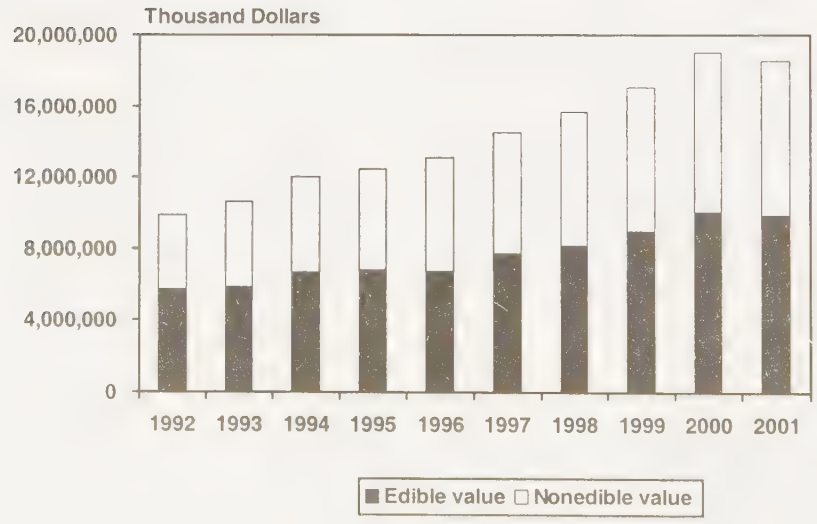
U.S. Imports from Major Areas, 2001 by Volume



U.S. Imports from Major Exporters ,2001 by Volume



U.S. Fishery Product Imports



EDIBLE AND NONEDIBLE FISHERY PRODUCTS IMPORTS, 2001

Continent and Country	Edible			Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars		
North America:					
Canada	730,144	331,191	1,945,879	897,918	2,843,797
Mexico	120,746	54,770	487,492	246,998	734,490
Dominican Republic	1,301	590	1,196	171,840	173,036
Honduras	32,046	14,536	124,750	55	124,805
Panama	32,251	14,629	104,626	2,513	107,139
Other	151,954	68,926	402,228	67,201	469,429
Total	**1,068,442**	**484,642**	**3,066,171**	**1,386,525**	**4,452,696**
South America:					
Chile	259,823	117,855	483,384	17,008	500,392
Ecuador	177,007	80,290	396,051	11,817	407,868
Brazil	51,689	23,446	155,419	39,085	194,504
Argentina	67,507	30,621	105,127	17,316	122,443
Venezuela	31,314	14,204	118,698	2,520	121,218
Other	93,876	42,582	176,405	135,800	312,205
Total	**681,217**	**308,998**	**1,435,084**	**223,546**	**1,658,630**
Europe:					
European Union:					
Italy	1,612	731	4,018	1,460,451	1,464,469
France	4,918	2,231	12,105	740,167	752,272
United Kingdom	16,678	7,565	25,685	257,825	283,510
Germany	3,472	1,575	4,862	272,850	277,712
Spain	13,393	6,075	27,657	74,276	101,933
Other	22,954	10,412	48,547	171,474	220,021
Total	**63,027**	**28,589**	**122,874**	**2,977,043**	**3,099,917**
Other:					
Russian Federation	60,095	27,259	215,381	1,539	216,920
Switzerland	40	18	141	170,990	171,131
Turkey	2,328	1,056	7,063	162,716	169,779
Iceland	60,845	27,599	151,746	8,171	159,917
Norway	50,117	22,733	115,112	24,280	139,392
Other	15,659	7,103	42,151	74,355	116,506
Total	**189,084**	**85,768**	**531,594**	**442,051**	**973,645**
Asia:					
Thailand	551,066	249,962	1,607,657	652,857	2,260,514
China	412,104	186,929	663,477	584,984	1,248,461
India	101,520	46,049	296,123	601,970	898,093
Hong Kong	4,980	2,259	7,885	544,711	552,596
Viet Nam	137,239	62,251	477,888	494	478,382
Other	671,116	304,416	1,247,667	1,077,691	2,325,358
Total	**1,878,024**	**851,866**	**4,300,697**	**3,462,707**	**7,763,404**
Oceania:					
Australia	10,617	4,816	70,157	76,779	146,936
New Zealand	69,734	31,631	118,578	17,222	135,800
Fiji	34,110	15,472	62,237	2,523	64,760
French Polynesia	2,030	921	4,622	29,289	33,911
Western Samoa	9,665	4,384	12,792	3	12,795
Other	42,789	19,409	32,029	2,268	34,297
Total	**168,945**	**76,633**	**300,415**	**128,084**	**428,499**
Africa:					
South Africa	21,446	9,728	40,185	44,672	84,857
Morocco	12,848	5,828	21,512	4,803	26,315
Seychelles	5,141	2,332	17,741	-	17,741
Namibia	5,593	2,537	12,434	44	12,478
Zimbabwe	-	-	-	6,830	6,830
Other	8,225	3,731	15,725	6,433	22,158
Total	**53,254**	**24,156**	**107,597**	**62,782**	**170,379**
Grand total	**4,101,993**	**1,860,652**	**9,864,432**	**8,682,738**	**18,547,170**

Source:--U.S. Department of Commerce, Bureau of the Census.

REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY SPECIES AND TYPE, 2000 AND 2001

Species and type	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Regular blocks and slabs:						
Cod	27,738	12,582	49,558	21,515	9,759	38,510
Flatfish	6,437	2,920	11,731	4,784	2,170	5,630
Haddock	5,635	2,556	12,669	4,228	1,918	8,647
Ocean perch	487	221	826	377	171	641
Pollock	115,356	52,325	90,609	74,401	33,748	61,390
Whiting	12,101	5,489	9,967	9,705	4,402	7,984
Other	11,482	5,208	14,457	4,059	1,841	7,251
Total	**179,236**	**81,301**	**189,817**	**119,068**	**54,009**	**130,053**
Minced blocks and slabs	24,667	11,189	18,883	27,613	12,525	28,899
Grand total	**203,903**	**92,490**	**208,700**	**146,681**	**66,534**	**158,952**

Source:--U.S. Department of Commerce, Bureau of the Census.

REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY COUNTRY OF ORIGIN, 2000 AND 2001

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
China	94,979	43,082	77,633	72,040	32,677	63,717
Russian Federation	45,818	20,783	44,625	20,205	9,165	21,310
Canada	14,912	6,764	16,692	11,900	5,398	13,300
Denmark	5,452	2,473	11,187	5,622	2,550	10,939
Norway	3,452	1,566	6,906	3,349	1,519	6,408
Iceland	5,957	2,702	9,216	3,492	1,584	5,473
Chile	4,638	2,104	4,548	4,314	1,957	5,328
Japan	2,288	1,038	2,165	4,650	2,109	4,609
Thailand	282	128	457	2,824	1,281	4,529
Other	26,125	11,850	35,271	18,285	8,294	23,339
Total	**203,903**	**92,490**	**208,700**	**146,681**	**66,534**	**158,952**

Source:--U.S. Department of Commerce, Bureau of the Census.

GROUNDFISH FILLET AND STEAK IMPORTS, BY SPECIES, 2000 AND 2001 (1)

Species	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Cod	93,433	42,381	251,350	83,085	37,687	207,525
Haddock (2)	113,513	51,489	137,979	92,767	42,079	119,796
Ocean perch	18,009	8,169	31,344	18,832	8,542	30,995
Total	**224,955**	**102,039**	**420,673**	**194,684**	**88,308**	**358,316**

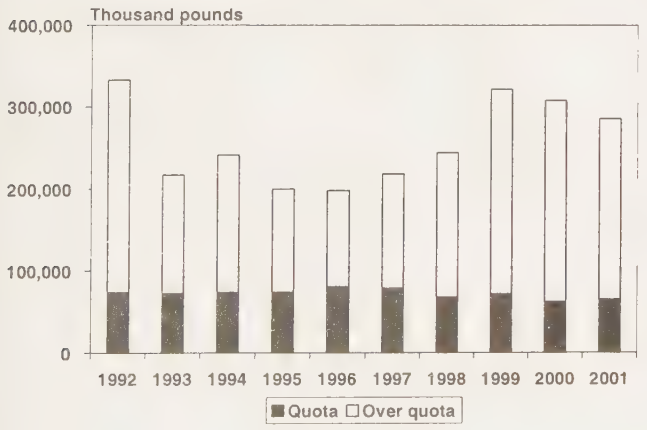
(1) Does not include data on fish blocks and slabs.
(2) Includes some quantities of cusk, hake, and pollock fillets.
Source:--U.S. Department of Commerce, Bureau of the Census.

CANNED TUNA NOT IN OIL, QUOTA AND IMPORTS, 2000-2001

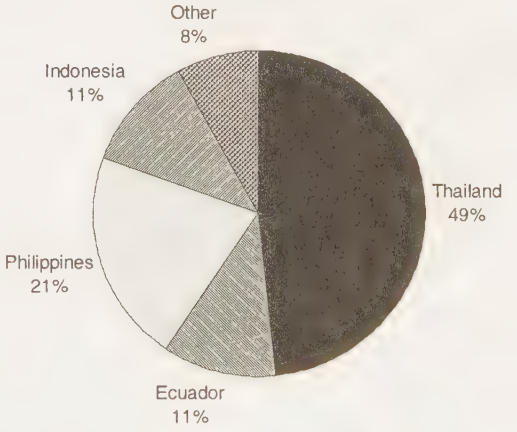
Year	Quota (1)		Over quota (2)		Total	
	Thousand pounds	Metric tons	Thousand pounds	Metric tons	Thousand pounds	Metric tons
1992	73,724	33,441	259,739	117,817	333,463	151,258
1993	72,681	32,968	144,287	65,448	216,968	98,416
1994	73,294	33,246	168,224	76,306	241,518	109,552
1995	73,367	33,279	126,176	57,233	199,543	90,512
1996	80,027	36,300	117,205	53,164	197,232	89,464
1997	78,620	35,662	139,714	63,374	218,335	99,036
1998	67,317	30,535	176,648	80,127	243,965	110,662
1999	72,086	32,698	249,016	112,953	321,102	145,651
2000	62,403	28,306	245,211	111,227	307,614	139,533
2001	65,155	29,554	220,528	100,031	285,683	129,585

(1) Imports have been subject to tariff quotas since April 14, 1956, and are based on 20 percent of the previous year's domestic pack, excluding the pack in American Samoa. Dutiable in 1956 to 1967 at 12.5 percent ad valorem; 1968, 11 percent; 1969, 10 percent; 1970, 8.5 percent; 1971, 7 percent; and 1972 to 2001, 6 percent.
(2) Dutiable in 1972 to 2001, 12.5 percent.
Note:—Data in this table will not agree with tuna import data released by the U.S. Department of Commerce, Bureau of the Census. Any tuna entered for consumption or withdrawn from a warehouse for consumption during the calendar year, except for receipts for possessions of the U.S., is subject to this quota.
Source:—U.S. Department of the Treasury, U.S. Customs Service.

Canned Tuna Quota and Imports



Imports of Canned Tuna by Major Exporter, 2001 by Volume



CANNED TUNA, BY COUNTRY OF ORIGIN, 2000 AND 2001

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Thailand	176,211	79,929	155,435	141,176	64,037	167,503
Ecuador	5,245	2,379	6,267	32,225	14,617	44,221
Philippines	77,719	35,253	46,530	62,090	28,164	42,582
Indonesia	29,524	13,392	30,383	33,543	15,215	37,044
Papua New Guinea	16,852	7,644	10,504	11,482	5,208	7,976
Malaysia	3,953	1,793	5,783	3,034	1,376	4,926
South Korea	818	371	736	2,776	1,259	3,632
Viet Nam	807	366	515	3,477	1,577	2,667
Spain	284	129	643	452	205	958
Other	1,554	705	1,735	1,949	884	2,596
Total	**312,967**	**141,961**	**258,531**	**292,202**	**132,542**	**314,105**

Source:--U.S. Department of Commerce, Bureau of the Census.

SHRIMP IMPORTS, BY COUNTRY OF ORIGIN, 2000 AND 2001

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
North America:						
Mexico	64,097	29,074	403,014	66,175	30,017	380,961
Honduras	17,372	7,880	84,179	21,352	9,685	72,575
Panama	12,899	5,851	64,648	15,176	6,884	70,452
Canada	19,513	8,851	57,511	14,775	6,702	40,767
Nicaragua	10,642	4,827	44,137	11,098	5,034	36,266
Belize	4,934	2,238	22,111	6,089	2,762	20,623
Guatemala	3,607	1,636	15,776	5,922	2,686	19,121
El Salvador	3,056	1,386	14,758	3,477	1,577	16,258
Costa Rica	2,407	1,092	14,176	2,269	1,029	10,280
Aruba	13	6	81	459	208	1,073
Other	187	85	946	165	75	516
Total	**138,727**	**62,926**	**721,337**	**146,956**	**66,659**	**668,892**
South America:						
Ecuador	42,101	19,097	190,393	58,995	26,760	224,288
Venezuela	32,815	14,885	141,495	20,981	9,517	78,697
Brazil	12,998	5,896	53,131	21,647	9,819	63,639
Guyana	19,032	8,633	40,371	25,772	11,690	53,188
Colombia	6,166	2,797	32,815	6,967	3,160	31,176
Argentina	157	71	878	5,075	2,302	28,329
Suriname	5,873	2,664	13,171	5,333	2,419	11,728
Peru	1,074	487	4,145	1,649	748	6,028
Chile	970	440	3,355	260	118	1,078
Uruguay	150	68	777	-	-	-
Total	**121,337**	**55,038**	**480,531**	**146,679**	**66,533**	**498,151**
Europe:						
European Union:						
United Kingdom	291	132	1,380	265	120	851
France	42	19	163	71	32	322
Belgium	9	4	58	49	22	238
Denmark	75	34	151	86	39	211
Ireland	-	-	-	40	18	92
Other	377	39	319	366	28	216
Total	**503**	**228**	**2,071**	**571**	**259**	**1,930**
Other:						
Iceland	15	7	67	86	39	301
Norway	298	135	729	84	38	260
Estonia	73	33	284	-	-	-
Faroe Islands	46	21	150	-	-	-
Other	-	-	-	-	-	-
Total	**432**	**196**	**1,230**	**170**	**77**	**561**
Asia:						
Thailand	278,767	126,448	1,498,353	299,998	136,078	1,266,056
Viet Nam	34,652	15,718	235,557	73,343	33,268	381,504
India	62,556	28,375	239,582	72,485	32,879	264,750
China	40,130	18,203	136,451	61,766	28,017	191,593
Indonesia	36,942	16,757	190,727	34,939	15,848	155,525
Bangladesh	22,535	10,222	145,307	19,237	8,726	92,244
Burma	6,058	2,748	26,905	5,734	2,601	24,262
Philippines	4,127	1,872	22,891	3,876	1,758	17,352
Malaysia	2,401	1,089	12,665	3,291	1,493	14,942
Pakistan	2,158	979	7,462	3,300	1,497	10,939
Other	8,816	3,999	33,011	9,233	4,188	32,307
Total	**499,143**	**226,410**	**2,548,911**	**587,202**	**266,353**	**2,451,474**
Oceania	300	136	1,804	884	401	4,912
Africa	313	142	1,444	119	54	878
Grand total	**760,755**	**345,076**	**3,757,328**	**882,581**	**400,336**	**3,626,798**

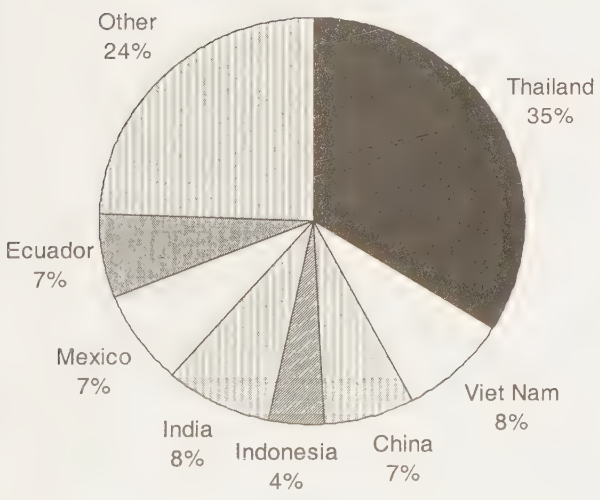
Note:--Statistics on imports are the weights of the individual products as received, i.e., raw headless, peeled, etc.
Source:--U.S. Department of Commerce, Bureau of the Census.

SHRIMP IMPORTS, BY TYPE OF PRODUCT, 2000 AND 2001

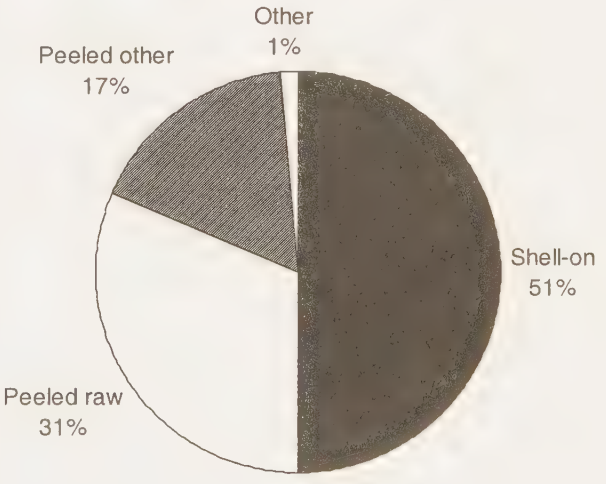
Type of product	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Shell-on (heads off)	338,737	153,650	1,814,996	441,577	200,298	1,922,905
Peeled:						
Canned	3,655	1,658	8,661	4,273	1,938	9,657
Not breaded:						
Raw	285,762	129,621	1,254,505	276,516	125,427	1,056,559
Other	128,369	58,228	663,457	153,114	69,452	612,274
Breaded	4,231	1,919	15,709	7,101	3,221	25,403
Total	**760,755**	**345,076**	**3,757,328**	**882,581**	**400,336**	**3,626,798**

Source:--U.S. Department of Commerce, Bureau of the Census.

Shrimp Imports by Major Exporter, 2001 by Volume



Shrimp Imports by Type, 2001 by Volume



FISH MEAL AND SCRAP IMPORTS, BY COUNTRY OF ORIGIN, 2000 AND 2001

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Iceland	31,431	14,257	6,688	30,880	14,007	7,596
Peru	14,813	6,719	2,854	24,048	10,908	5,235
Canada	13,986	6,344	4,169	17,919	8,128	4,925
Mexico	3,964	1,798	840	24,281	11,014	4,746
Ecuador	2,449	1,111	329	5,617	2,548	1,005
Japan	3,512	1,593	778	3,552	1,611	837
Denmark	2,582	1,171	710	2,551	1,157	757
Chile	4,202	1,906	827	3,272	1,484	657
China	1,638	743	637	448	203	550
Other	437	198	290	710	322	530
Total	**79,013**	**35,840**	**18,122**	**113,277**	**51,382**	**26,838**

Source:--U.S. Department of Commerce, Bureau of the Census.

FISHERY PRODUCTS EXPORTS, BY PRINCIPAL ITEMS, 2000 AND 2001 (1)

Item	2000			2001		
Edible fishery products:	Thousand	Metric	Thousand	Thousand	Metric	Thousand
Fresh and frozen:	pounds	tons	dollars	pounds	tons	dollars
Whole or eviscerated:						
Freshwater	7,319	3,320	7,086	9,209	4,177	7,180
Flatfish	146,112	66,276	125,955	136,681	61,998	113,824
Groundfish	181,760	82,446	170,953	247,365	112,204	223,893
Herring	37,648	17,077	24,142	86,447	39,212	34,708
Sablefish	37,619	17,064	86,545	21,568	9,783	56,419
Salmon	218,941	99,311	351,752	209,115	94,854	300,695
Tuna	16,775	7,609	26,088	30,569	13,866	36,748
Other	315,540	143,128	206,649	308,448	139,911	192,116
Fillets, and steaks:						
Freshwater	613	278	609	1,162	527	2,022
Groundfish	52,145	23,653	49,671	162,353	73,643	154,424
Other	34,753	15,764	66,385	72,055	32,684	115,189
Blocks and slabs	58,437	26,507	53,005	92,276	41,856	77,127
Surimi	330,778	150,040	285,292	402,309	182,486	301,503
Fish sticks	31,338	14,215	36,539	51,797	23,495	48,579
Clams	1,111	504	2,032	800	363	1,969
Crabs	36,347	16,487	121,783	26,129	11,852	80,710
Crabmeat	3,289	1,492	7,877	6,074	2,755	18,813
Lobsters	63,929	28,998	290,748	59,606	27,037	260,290
Scallops (meats)	8,911	4,042	36,154	10,295	4,670	38,217
Sea urchins	4,941	2,241	11,178	4,266	1,935	10,506
Shrimp	35,344	16,032	136,698	32,531	14,756	122,162
Squid	191,902	87,046	81,060	212,087	96,202	74,276
Other fish and shellfish	31,378	10,913	60,238	29,930	9,399	48,902
Total, fresh and frozen	**1,839,613**	**834,443**	**2,238,439**	**2,203,861**	**999,665**	**2,320,272**
Canned:						
Salmon	81,006	36,744	145,991	110,076	49,930	168,254
Sardines	9,306	4,221	6,236	21,248	9,638	11,047
Tuna	4,178	1,895	6,409	3,521	1,597	4,389
Abalone	66	30	897	115	52	1,429
Crabmeat	2,586	1,173	5,677	1,931	876	5,632
Shrimp	2,549	1,156	14,410	3,091	1,402	16,096
Squid	17,756	8,054	7,303	23,647	10,726	8,572
Other fish and shellfish	40,827	18,519	30,925	19,568	8,876	24,612
Total, canned	**158,273**	**71,792**	**217,848**	**183,196**	**83,097**	**240,031**
Cured:						
Dried	2,458	1,115	6,966	2,370	1,075	6,202
Pickled or salted	11,072	5,022	10,878	19,833	8,996	22,519
Smoked or kippered	403	183	1,815	589	267	2,571
Total, cured	**13,933**	**6,320**	**19,659**	**22,791**	**10,338**	**31,292**
Caviar and roe:						
Herring	21,940	9,952	23,519	15,470	7,017	23,658
Pollock	30,119	13,662	165,164	57,000	25,855	350,162
Salmon	21,241	9,635	104,995	21,010	9,530	100,288
Sea urchin	3,679	1,669	66,197	2,707	1,228	48,631
Other	18,020	8,174	73,672	11,301	5,126	44,148
Total, caviar and roe	**95,001**	**43,092**	**433,547**	**107,487**	**48,756**	**566,887**
Prepared meals	5,256	2,384	9,871	6,347	2,879	14,689
Other fish and shellfish	52,919	24,004	32,353	41,277	18,723	21,329
Total edible products	**2,164,994**	**982,035**	**2,951,717**	**2,564,960**	**1,163,458**	**3,194,500**
Nonedible products:						
Meal and scrap	209,177	94,882	75,327	238,013	107,962	67,682
Fish oils	142,221	64,511	24,057	248,798	112,854	41,669
Other	-	-	7,754,491	-	-	8,571,429
Total nonedible products	**-**	**-**	**7,829,818**	**-**	**-**	**8,639,111**
Grand total	**-**	**-**	**10,781,535**	**-**	**-**	**11,833,611**

(1) Figures reflect both domestic and foreign (re-exports).

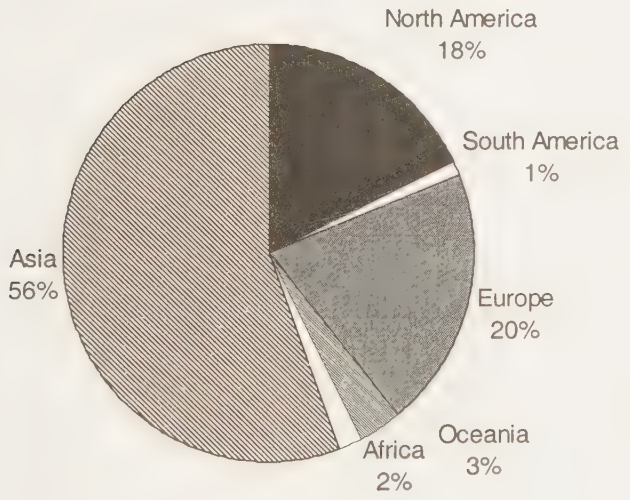
Source:--U.S. Department of Commerce, Bureau of the Census.

EDIBLE AND NONEDIBLE FISHERY PRODUCTS EXPORTS, 2000-2001 (1)

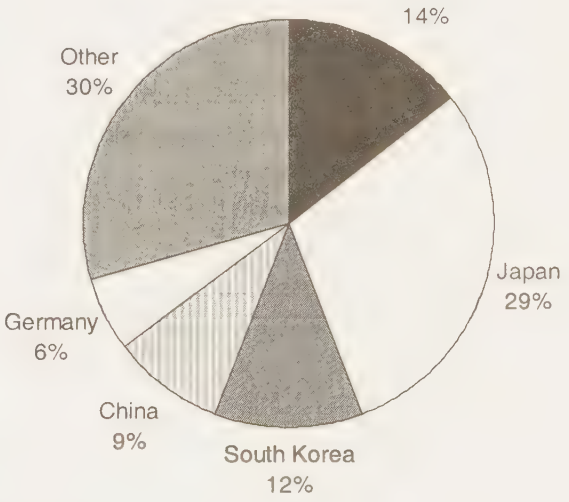
Year	Edible		Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars	
1992	2,087,606	946,932	3,465,667	3,653,965	7,119,632
1993	1,986,027	900,856	3,076,813	3,847,911	6,924,724
1994	1,978,507	897,445	3,126,120	4,254,741	7,380,861
1995	2,047,181	928,595	3,262,242	5,005,878	8,268,120
1996	2,112,055	958,022	3,032,282	5,621,169	8,653,451
1997	2,018,889	915,762	2,713,082	6,640,533	9,353,615
1998	1,663,889	754,735	2,259,727	6,437,385	8,697,112
1999	1,961,122	889,559	2,848,548	7,158,302	10,006,850
2000	2,164,994	982,035	2,951,717	7,829,818	10,781,535
2001	2,564,960	1,163,458	3,194,500	8,639,111	11,833,611

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

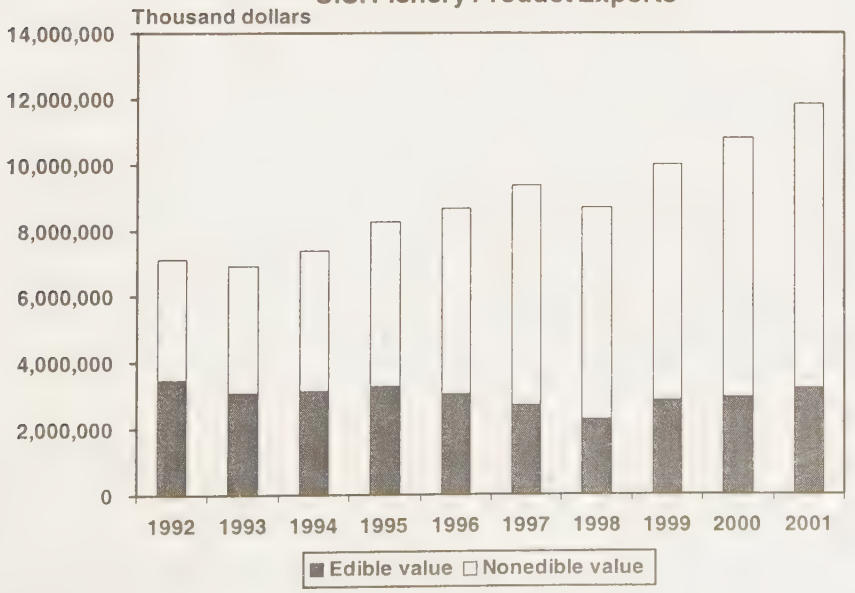
U.S. Exports to Major Areas, 2001 by Volume



U.S. Exports to Major Importers, 2001 by Volume



U.S. Fishery Product Exports



EDIBLE AND NONEDIBLE FISHERY PRODUCTS EXPORTS, 2001 (1)

Continent and Country	Edible			Nonedible	Total
	Thousand pounds	Metric tons	Thousand dollars		
North America:					
Canada	367,053	166,494	640,940	1,615,615	2,256,555
Mexico	39,059	17,717	72,063	1,012,820	1,084,883
Dominican Republic	33,124	15,025	47,173	127,889	175,062
Netherlands Antilles	668	303	2,005	165,003	167,008
Panama	1,852	840	3,195	58,053	61,248
Other	16,393	7,436	31,259	272,384	303,643
Total	**458,149**	**207,815**	**796,635**	**3,251,764**	**4,048,399**
South America:					
Brazil	7,004	3,177	6,406	224,328	230,734
Venezuela	12,780	5,797	6,902	87,276	94,178
Argentina	320	145	422	62,538	62,960
Colombia	961	436	1,309	58,210	59,519
Chile	529	240	656	38,696	39,352
Other	3,796	1,722	6,093	81,623	87,716
Total	**25,390**	**11,517**	**21,788**	**552,671**	**574,459**
Europe:					
European Union:					
United Kingdom	72,057	32,685	105,800	309,203	415,003
Germany	145,257	65,888	135,240	154,965	290,205
France	54,864	24,886	84,670	182,781	267,451
Netherlands	28,464	12,911	29,367	203,708	233,075
Belgium	8,250	3,742	15,168	157,557	172,725
Other	136,244	61,800	172,679	237,462	410,141
Total	**445,135**	**201,912**	**542,924**	**1,245,676**	**1,788,600**
Other:					
Switzerland	17,302	7,848	10,099	733,887	743,986
Norway	24,482	11,105	28,374	15,990	44,364
Russian Federation	9,284	4,211	8,743	22,042	30,785
Turkey	75	34	149	12,654	12,803
Estonia	990	449	643	9,611	10,254
Other	22,088	10,019	14,765	44,985	59,750
Total	**74,220**	**33,666**	**62,773**	**839,169**	**901,942**
Asia:					
Japan	767,893	348,314	1,139,354	972,478	2,111,832
South Korea	295,976	134,254	315,360	197,226	512,586
Hong Kong	13,858	6,286	30,305	441,815	472,120
China	230,160	104,400	128,627	160,980	289,607
Taiwan	17,824	8,085	31,263	117,644	148,907
Other	102,765	46,614	78,685	641,667	720,352
Total	**1,428,477**	**647,953**	**1,723,594**	**2,531,810**	**4,255,404**
Oceania:					
Australia	79,134	35,895	31,242	120,688	151,930
New Zealand	2,399	1,088	1,705	25,042	26,747
French Polynesia	2,970	1,347	1,718	1,308	3,026
Fiji	3,320	1,506	1,165	134	1,299
Fed.States of Micronesia	152	69	80	285	365
Other	1,045	474	465	868	1,333
Total	**89,020**	**40,379**	**36,375**	**148,325**	**184,700**
Africa:					
South Africa	1,978	897	1,623	27,733	29,356
Egypt	25,928	11,761	4,373	20,406	24,779
Kenya	4	2	20	9,338	9,358
Nigeria	14,129	6,409	2,908	3,196	6,104
Algeria	-	-	-	1,307	1,307
Other	2,529	1,147	1,487	7,716	9,203
Total	**44,568**	**20,216**	**10,411**	**69,696**	**80,107**
Grand total	**2,564,960**	**1,163,458**	**3,194,500**	**8,639,111**	**11,833,611**

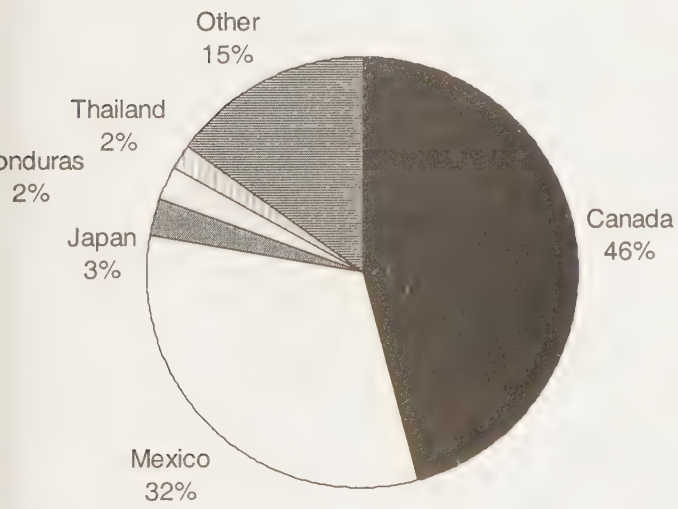
(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN SHRIMP EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

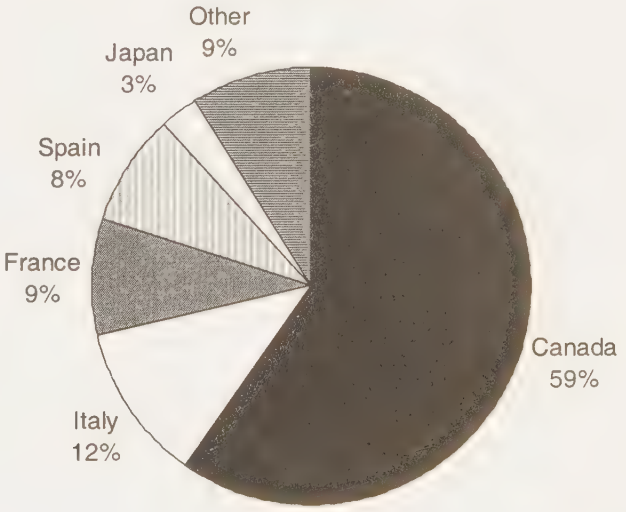
Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Canada	14,839	6,731	59,193	14,870	6,745	53,657
Mexico	9,579	4,345	31,945	10,454	4,742	36,554
Japan	2,359	1,070	11,628	897	407	5,021
Honduras	1,272	577	5,721	763	346	3,653
Thailand	348	158	1,279	679	308	2,655
China	1,757	797	4,942	617	280	1,734
Panama	564	256	3,454	298	135	1,661
Ecuador	467	212	1,790	357	162	1,597
Viet Nam	273	124	1,266	236	107	1,452
Other	3,885	1,762	15,480	3,360	1,524	14,178
Total	**35,344**	**16,032**	**136,698**	**32,531**	**14,756**	**122,162**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. Exports of Shrimp, 2001 by Volume



U.S. Exports of Lobster, 2001 by Volume



FRESH AND FROZEN LOBSTER EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Canada	37,833	17,161	138,829	35,644	16,168	127,158
Italy	6,762	3,067	36,404	6,909	3,134	35,458
France	6,272	2,845	35,159	5,110	2,318	26,652
Spain	4,773	2,165	26,176	5,004	2,270	25,510
Japan	1,922	872	14,232	1,682	763	11,885
Taiwan	1,226	556	9,632	798	362	6,658
South Korea	518	235	4,122	664	301	4,663
Germany	756	343	4,792	719	326	4,488
Belgium	906	411	5,221	637	289	3,650
Other	2,961	1,343	16,181	2,438	1,106	14,168
Total	**63,929**	**28,998**	**290,748**	**59,606**	**27,037**	**260,290**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN SALMON EXPORTS, WHOLE OR EVISCERATED, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	84,238	38,210	178,223	71,094	32,248	145,069
Canada	65,358	29,646	86,428	43,129	19,563	63,959
China	10,922	4,954	16,322	20,448	9,275	16,304
Thailand	4,153	1,884	7,325	14,372	6,519	16,089
France	14,050	6,373	14,238	15,322	6,950	13,669
Germany	10,463	4,746	11,416	8,100	3,674	8,380
South Korea	1,973	895	3,452	6,111	2,772	5,129
Switzerland	1,382	627	2,988	1,801	817	3,952
Belgium	3,935	1,785	5,220	3,900	1,769	3,906
Other	22,467	10,191	26,140	24,839	11,267	24,238
Total	**218,941**	**99,311**	**351,752**	**209,115**	**94,854**	**300,695**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

CANNED SALMON EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
United Kingdom	31,762	14,407	55,787	40,205	18,237	65,305
Canada	25,340	11,494	53,991	33,490	15,191	51,820
Australia	9,859	4,472	14,149	12,288	5,574	15,655
Japan	913	414	2,343	4,720	2,141	8,548
Netherlands	4,156	1,885	6,682	5,185	2,352	6,837
Germany	503	228	1,090	1,477	670	2,909
Israel	966	438	1,584	1,645	746	2,648
France	1,590	721	2,041	1,892	858	2,621
China	417	189	684	2,097	951	2,131
Other	5,503	2,496	7,640	7,077	3,210	9,780
Total	**81,006**	**36,744**	**145,991**	**110,076**	**49,930**	**168,254**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FROZEN SURIMI EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	195,164	88,526	188,984	207,327	94,043	154,297
South Korea	100,964	45,797	68,878	133,672	60,633	99,600
France	12,452	5,648	10,162	12,176	5,523	10,127
China	5,309	2,408	3,223	11,457	5,197	6,564
Lithuania	1,164	528	997	6,519	2,957	5,503
Germany	2,097	951	1,489	5,750	2,608	5,108
Taiwan	3,448	1,564	3,018	5,968	2,707	5,081
Spain	1,299	589	905	4,841	2,196	3,546
Russian Federation	1,078	489	877	3,571	1,620	2,676
Other	7,804	3,540	6,759	11,027	5,002	9,001
Total	**330,778**	**150,040**	**285,292**	**402,309**	**182,486**	**301,503**

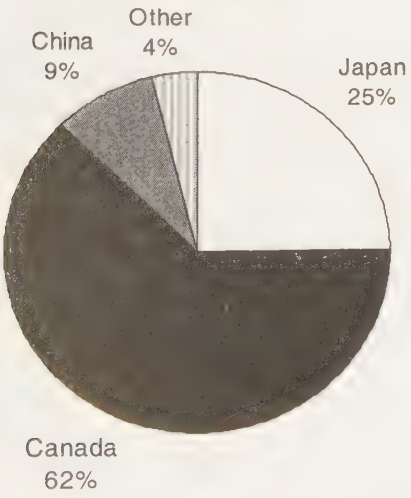
(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN CRAB EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

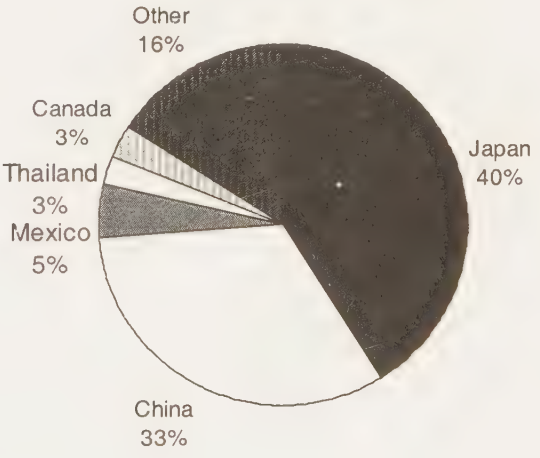
Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	15,016	6,811	76,838	6,482	2,940	38,196
Canada	17,271	7,834	29,689	16,393	7,436	30,470
China	2,736	1,241	10,703	2,242	1,017	8,343
Thailand	66	30	2,003	249	113	758
Mexico	77	35	426	126	57	362
Belgium	68	31	407	62	28	289
Singapore	53	24	275	101	46	276
United Kingdom	582	264	251	42	19	271
Bahrain	-	-	-	57	26	266
Other	478	217	1,191	375	170	1,479
Total	**36,347**	**16,487**	**121,783**	**26,129**	**11,852**	**80,710**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S Exports of Crabs, 2001 by Volume



U.S Exports of Crabmeat, 2001 by Volume



FRESH AND FROZEN CRABMEAT EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	1,481	672	3,299	2,502	1,135	8,092
China	306	139	603	1,986	901	6,045
Mexico	68	31	252	289	131	762
Thailand	207	94	401	154	70	579
Canada	123	56	460	183	83	464
Hong Kong	258	117	862	104	47	461
Viet Nam	-	-	-	90	41	453
Taiwan	174	79	355	101	46	226
Turks & Caicos	68	31	200	31	14	217
Other	602	273	1,445	633	287	1,514
Total	**3,289**	**1,492**	**7,877**	**6,074**	**2,755**	**18,813**

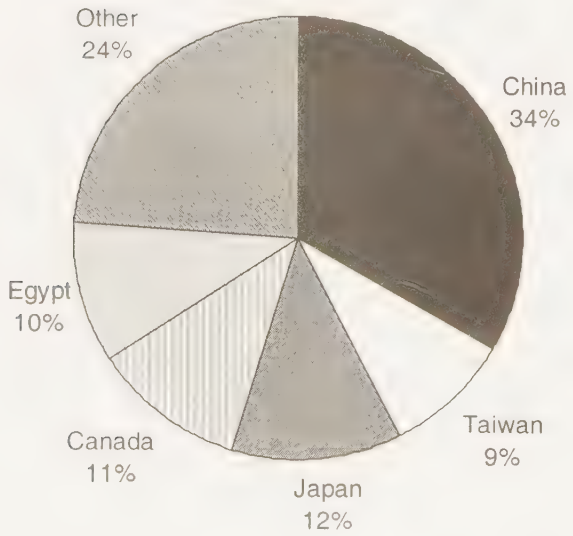
(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FISH MEAL EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

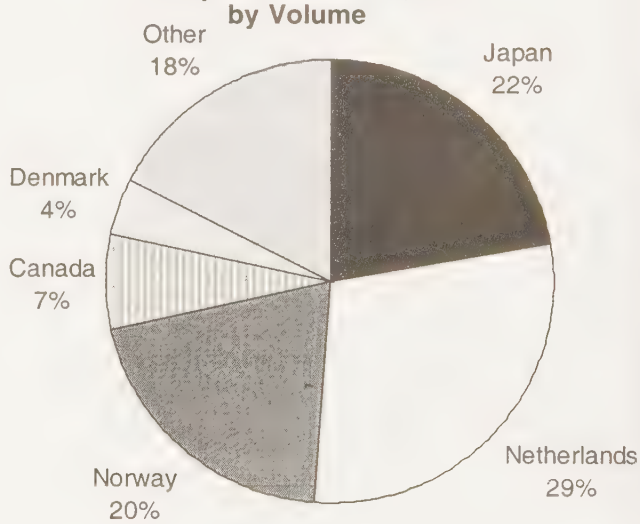
Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
China	79,557	36,087	29,705	79,447	36,037	28,022
Taiwan	20,992	9,522	9,419	21,506	9,755	7,974
Japan	24,925	11,306	12,015	29,015	13,161	6,425
Canada	22,258	10,096	4,876	26,592	12,062	6,015
Egypt	417	189	146	24,361	11,050	4,342
Mexico	17,189	7,797	4,272	13,309	6,037	4,008
Philippines	2,954	1,340	450	11,931	5,412	2,353
South Korea	5,659	2,567	1,957	6,451	2,926	2,261
Bangladesh	7,227	3,278	596	9,550	4,332	1,645
Other	27,998	12,700	11,891	15,851	7,190	4,637
Total	**209,177**	**94,882**	**75,327**	**238,013**	**107,962**	**67,682**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S Exports of Fish Meal, 2001 by Volume



U.S Exports of Fish Oil, 2001 by Volume



FISH AND MARINE ANIMAL OIL EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	2,707	1,228	1,113	55,618	25,228	9,191
Netherlands	36,246	16,441	3,679	71,766	32,553	9,180
Norway	23,040	10,451	2,458	50,234	22,786	7,206
Canada	9,050	4,105	2,192	16,949	7,688	3,759
Denmark	-	-	-	10,569	4,794	2,301
Mexico	58,384	26,483	5,979	16,085	7,296	1,757
Chile	-	-	-	8,821	4,001	1,706
South Korea	6,329	2,871	3,205	7,105	3,223	1,562
Italy	7	3	3	4,661	2,114	991
Other	6,457	2,929	5,428	6,991	3,171	4,016
Total	**142,221**	**64,511**	**24,057**	**248,798**	**112,854**	**41,669**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. SUPPLY OF EDIBLE AND INDUSTRIAL FISHERY PRODUCTS, 1992-2001
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1992	9,637	6,469	5,278	10,828
1993	10,467	9,867	5,578	14,756
1994	10,461	8,848	5,202	14,107
1995	9,788	6,696	5,252	11,232
1996	9,565	6,909	5,418	11,056
1997	9,842	7,290	5,537	11,595
1998	9,194	7,703	4,889	12,008
1999	9,339	8,039	5,207	12,171
2000	9,069	8,271	5,758	11,582
2001	9,492	8,627	7,107	11,012

(1) Preliminary.

Note: The weight of U.S. landings and imports represent the round(live) weight of all items except univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc) which are shown in weight of meats excluding the shell.

U.S. SUPPLY OF EDIBLE FISHERY PRODUCTS, 1992-2001
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1992	7,618	5,624	4,123	9,119
1993	8,214	5,607	4,386	9,435
1994	7,936	5,778	4,306	9,408
1995	7,667	5,917	4,261	9,323
1996	7,474	6,150	4,374	9,250
1997	7,244	6,495	4,326	9,413
1998	7,173	7,001	3,709	10,465
1999	6,832	7,630	4,129	10,333
2000	6,912	7,828	4,587	10,153
2001	7,314	7,992	5,774	9,532

(1) Preliminary.

U.S. SUPPLY OF INDUSTRIAL FISHERY PRODUCTS, 1992-2001
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1992	2,019	845	1,448	1,416
1993	2,253	4,260	1,192	5,321
1994	2,525	3,070	896	4,699
1995	2,121	779	991	1,909
1996	2,091	759	1,044	1,806
1997	2,598	795	1,211	2,182
1998	2,021	702	1,180	1,543
1999	2,507	409	1,078	1,838
2000	2,157	443	1,171	1,429
2001	2,178	635	1,333	1,480

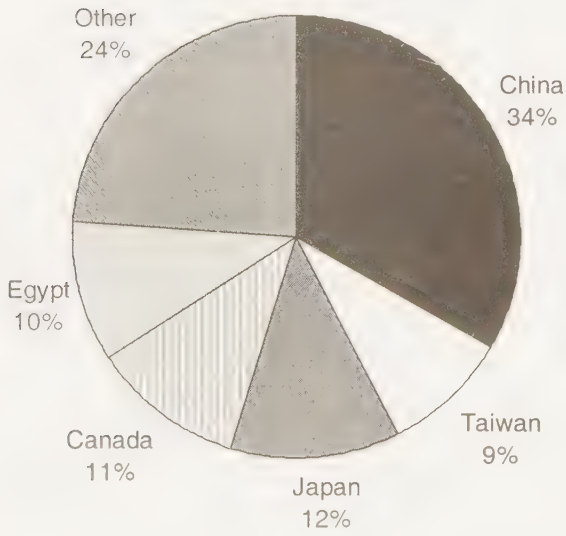
(1) Preliminary.

FISH MEAL EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

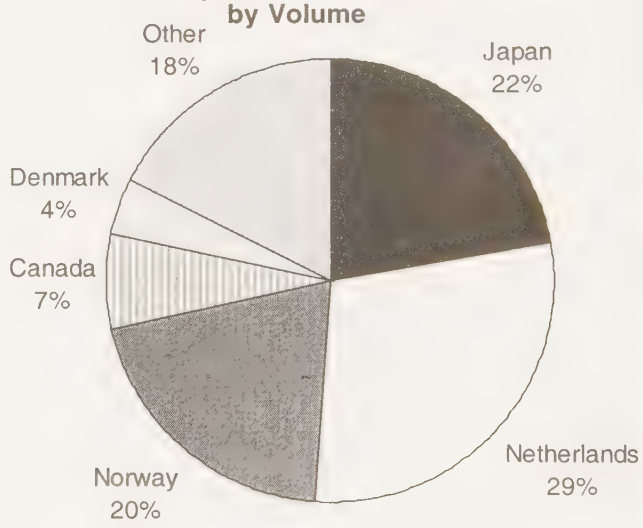
Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
China	79,557	36,087	29,705	79,447	36,037	28,022
Taiwan	20,992	9,522	9,419	21,506	9,755	7,974
Japan	24,925	11,306	12,015	29,015	13,161	6,425
Canada	22,258	10,096	4,876	26,592	12,062	6,015
Egypt	417	189	146	24,361	11,050	4,342
Mexico	17,189	7,797	4,272	13,309	6,037	4,008
Philippines	2,954	1,340	450	11,931	5,412	2,353
South Korea	5,659	2,567	1,957	6,451	2,926	2,261
Bangladesh	7,227	3,278	596	9,550	4,332	1,645
Other	27,998	12,700	11,891	15,851	7,190	4,637
Total	**209,177**	**94,882**	**75,327**	**238,013**	**107,962**	**67,682**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S Exports of Fish Meal, 2001 by Volume



U.S Exports of Fish Oil, 2001 by Volume



FISH AND MARINE ANIMAL OIL EXPORTS, BY COUNTRY OF DESTINATION, 2000 AND 2001 (1)

Country	2000			2001		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Japan	2,707	1,228	1,113	55,618	25,228	9,191
Netherlands	36,246	16,441	3,679	71,766	32,553	9,180
Norway	23,040	10,451	2,458	50,234	22,786	7,206
Canada	9,050	4,105	2,192	16,949	7,688	3,759
Denmark	-	-	-	10,569	4,794	2,301
Mexico	58,384	26,483	5,979	16,085	7,296	1,757
Chile	-	-	-	8,821	4,001	1,706
South Korea	6,329	2,871	3,205	7,105	3,223	1,562
Italy	7	3	3	4,661	2,114	991
Other	6,457	2,929	5,428	6,991	3,171	4,016
Total	**142,221**	**64,511**	**24,057**	**248,798**	**112,854**	**41,669**

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. SUPPLY OF EDIBLE AND INDUSTRIAL FISHERY PRODUCTS, 1992-2001
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1992	9,637	6,469	5,278	10,828
1993	10,467	9,867	5,578	14,756
1994	10,461	8,848	5,202	14,107
1995	9,788	6,696	5,252	11,232
1996	9,565	6,909	5,418	11,056
1997	9,842	7,290	5,537	11,595
1998	9,194	7,703	4,889	12,008
1999	9,339	8,039	5,207	12,171
2000	9,069	8,271	5,758	11,582
2001	9,492	8,627	7,107	11,012

(1) Preliminary.

Note: The weight of U.S. landings and imports represent the round(live) weight of all items except univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc) which are shown in weight of meats excluding the shell.

U.S. SUPPLY OF EDIBLE FISHERY PRODUCTS, 1992-2001
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1992	7,618	5,624	4,123	9,119
1993	8,214	5,607	4,386	9,435
1994	7,936	5,778	4,306	9,408
1995	7,667	5,917	4,261	9,323
1996	7,474	6,150	4,374	9,250
1997	7,244	6,495	4,326	9,413
1998	7,173	7,001	3,709	10,465
1999	6,832	7,630	4,129	10,333
2000	6,912	7,828	4,587	10,153
2001	7,314	7,992	5,774	9,532

(1) Preliminary.

U.S. SUPPLY OF INDUSTRIAL FISHERY PRODUCTS, 1992-2001
(Round weight)

Year	Domestic commercial landings (1)	Imports	Exports	Total
	Million pounds			
1992	2,019	845	1,448	1,416
1993	2,253	4,260	1,192	5,321
1994	2,525	3,070	896	4,699
1995	2,121	779	991	1,909
1996	2,091	759	1,044	1,806
1997	2,598	795	1,211	2,182
1998	2,021	702	1,180	1,543
1999	2,507	409	1,078	1,838
2000	2,157	443	1,171	1,429
2001	2,178	635	1,333	1,480

(1) Preliminary.

U.S. SUPPLY OF COMMERCIAL FINFISH AND SHELLFISH, 2000 and 2001

Item	Domestic commercial landings		Imports		Exports		Total	
	2000	2001	2000	2001	2000	2001	2000	2001
	Thousand pounds--round weight							
Edible								
Finfish	5,637,273	6,161,936	5,369,032	5,167,584	4,080,242	5,263,049	6,926,063	6,066,471
Shellfish, et al	1,274,870	1,151,946	2,459,025	2,824,639	506,420	511,193	3,227,475	3,465,392
Subtotal	**6,912,143**	**7,313,882**	**7,828,057**	**7,992,223**	**4,586,662**	**5,774,242**	**10,153,538**	**9,531,863**
Industrial (1)								
Finfish	2,052,388	2,080,554	442,472	634,350	1,171,391	1,332,873	1,323,469	1,382,031
Shellfish, et al	104,454	97,427	(2)	(2)	(2)	(2)	104,454	97,427
Subtotal	**2,156,842**	**2,177,981**	**442,472**	**634,350**	**1,171,391**	**1,332,873**	**1,427,923**	**1,479,458**
Total:								
Finfish	7,689,661	8,242,490	5,811,504	5,801,934	5,251,633	6,595,922	8,249,532	7,448,502
Shellfish, et al	1,379,324	1,249,373	2,459,025	2,824,639	506,420	511,193	3,331,929	3,562,819
Grand total	**9,068,985**	**9,491,863**	**8,270,529**	**8,626,573**	**5,758,053**	**7,107,115**	**11,581,461**	**11,011,321**

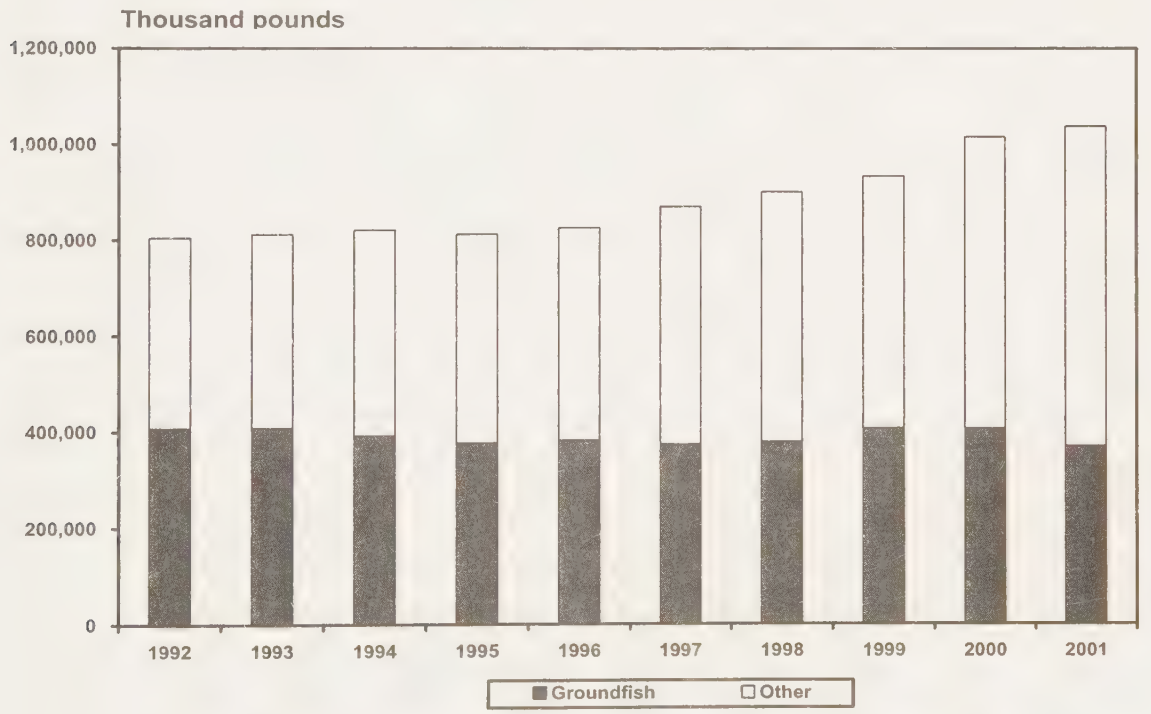
(1) Includes only quantity harvested for fish meal.
(2) Not available.
NOTE: Total landings shown in this table may not agree with landings reported in other tables due to rounding.

U.S. SUPPLY OF ALL FILLETS AND STEAKS, 1992-2001
(Edible weight)

Year	U.S. production (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1992	448,664	408,059	856,723	52,247	804,476
1993	420,169	440,354	860,523	48,847	811,676
1994	425,022	439,059	864,081	43,252	820,829
1995	385,293	477,483	862,776	50,785	811,991
1996	423,309	476,469	899,778	74,368	825,410
1997	409,652	514,805	924,457	55,014	869,443
1998	422,418	578,561	1,000,979	101,016	899,963
1999	362,303	654,301	1,016,604	83,557	933,047
2000	367,680	734,711	1,102,391	87,511	1,014,880
2001	476,860	795,525	1,272,385	235,570	1,036,815

(1) Includes fillets used to produce blocks.

U.S. Supply of Fillets and Steaks



U.S. SUPPLY OF GROUNDFISH FILLETS AND STEAKS, 1992-2001
(Edible weight)

Year	U.S. production (1)	Imports	Total	Exports (2)	Total supply
	Thousand pounds				
1992	252,358	172,755	425,113	17,507	407,606
1993	233,755	186,516	420,271	12,242	408,029
1994	220,357	189,097	409,454	17,639	391,815
1995	216,699	184,845	401,544	24,606	376,938
1996	245,406	178,209	423,615	41,691	381,924
1997	220,403	176,125	396,528	23,367	373,161
1998	255,291	186,937	442,228	63,481	378,747
1999	218,765	224,944	443,709	37,474	406,235
2000	233,186	224,955	458,141	52,145	405,996
2001	336,835	194,684	531,519	162,353	369,166

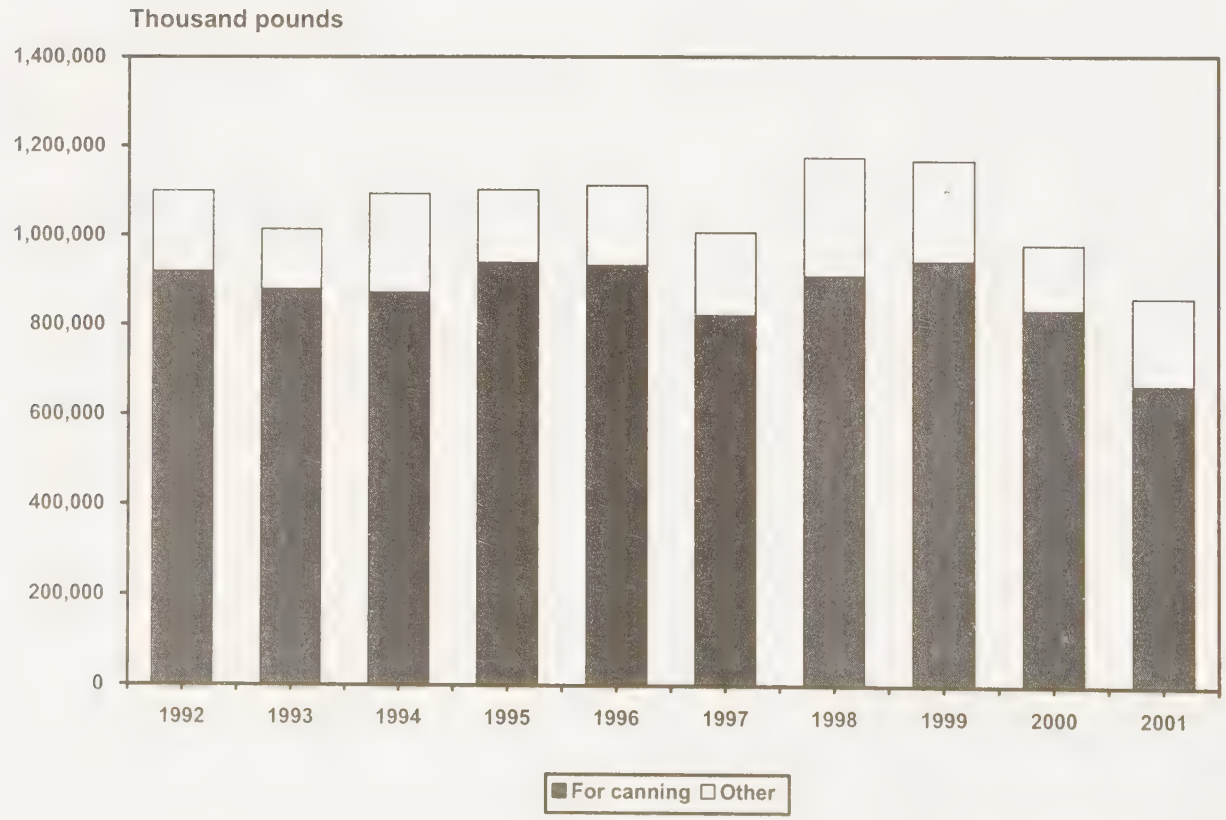
(1) Includes fillets used to produce blocks. Species include cod, cusk, haddock, hake, pollock, and ocean perch.
(2) Species include: cod and pollock.

U.S. SUPPLY OF FRESH AND FROZEN TUNA, 1992-2001
(Round weight)

Year	U.S. commercial landings (1)			Imports (2)			Exports total	Total supply
	For canning	Other	Total	For canning	Other	Total		
	Thousand pounds							
1992	435,924	137,933	573,857	482,677	63,524	546,201	20,011	1,100,047
1993	426,036	62,933	488,969	453,046	92,965	546,011	21,660	1,013,320
1994	401,732	157,695	559,427	469,514	92,352	561,866	28,512	1,092,781
1995	407,036	86,956	493,992	531,266	105,304	636,570	28,869	1,101,693
1996	364,652	91,612	456,264	567,266	119,247	686,513	31,382	1,111,395
1997	354,074	102,567	456,641	467,526	105,806	573,332	24,092	1,005,881
1998	318,144	161,305	479,449	590,568	137,852	728,420	34,026	1,173,843
1999	368,716	111,658	480,374	571,976	135,966	707,942	22,018	1,166,298
2000	281,982	54,668	336,650	550,552	107,116	657,668	16,775	977,543
2001	230,990	100,145	331,135	434,358	124,423	558,781	30,569	859,347

(1) Includes a quantity of fish landed at other ports by U.S.-flag vessels.
(2) Includes landings in American Samoa of foreign caught fish.

U.S. Supply of Fresh and Frozen Tuna



U.S. SUPPLY OF CANNED SARDINES, 1992-2001
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1992	17,437	36,511	53,948	12,690	41,258
1993	14,354	39,111	53,465	12,275	41,190
1994	15,560	43,942	59,502	11,010	48,492
1995	13,567	42,280	55,847	11,773	44,074
1996	17,672	40,926	58,598	12,207	46,391
1997	15,976	42,771	58,747	9,321	49,426
1998	11,842	44,328	56,170	6,314	49,856
1999	12,017	48,722	60,739	3,803	56,936
2000	(1)	62,236	NA	9,306	NA
2001	(1)	54,758	NA	21,248	NA

(1) Data are confidential
NA Not available

U.S. SUPPLY OF CANNED SALMON, 1992-2001
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1992	149,453	974	150,427	77,895	72,532
1993	198,344	428	198,772	84,610	114,162
1994	206,841	1,093	207,934	90,915	117,019
1995	243,568	1,202	244,770	98,197	146,573
1996	197,163	2,266	199,429	95,530	103,899
1997	162,106	1,228	163,334	81,621	81,713
1998	158,798	1,323	160,121	77,450	82,671
1999	234,155	2,229	236,384	113,726	122,658
2000	171,125	5,161	176,286	81,006	95,280
2001	211,785	6,362	218,147	110,076	108,071

U.S. SUPPLY OF CANNED TUNA, 1992-2001
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1992	608,981	323,413	932,394	10,141	922,253
1993	618,743	224,419	843,162	8,534	834,628
1994	609,514	249,043	858,557	8,391	850,166
1995	666,581	215,365	881,946	7,385	874,561
1996	675,816	193,037	868,853	9,866	858,987
1997	627,032	212,171	839,203	9,967	829,236
1998	680,860	240,409	921,269	9,319	911,950
1999	693,816	334,537	1,028,353	7,945	1,020,408
2000	671,341	312,967	984,308	4,178	980,130
2001	507,417	292,202	799,619	3,521	796,098

U.S. SUPPLY OF KING CRAB, 1992-2001
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (1)	Total supply
	Thousand pounds				
1992	19,056	11,958	31,014	16,241	14,773
1993	24,732	7,395	32,127	24,372	7,755
1994	11,960	15,035	26,995	15,013	11,982
1995	14,673	18,360	33,033	11,847	21,186
1996	21,000	26,533	47,533	17,650	29,883
1997	18,027	39,666	57,693	12,516	45,177
1998	24,122	51,655	75,777	13,575	62,202
1999	16,920	46,922	63,842	11,483	52,359
2000	15,098	40,233	55,331	14,578	40,753
2001	16,054	37,731	53,785	15,416	38,369

(1) Imports, exports, foreign exports converted to round (live) weight by using these conversion factors: frozen, 1.75; meat, 4.50; and canned, 5.33.

U.S. SUPPLY OF SNOW (TANNER) CRABS, 1992-2001
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	Thousand pounds				
1992	350,039	18,882	368,921	281,214	87,707
1993	255,733	31,224	286,957	220,618	66,339
1994	159,574	27,446	187,020	147,006	40,014
1995	80,817	20,969	101,786	59,805	41,981
1996	67,867	28,336	96,203	50,509	45,694
1997	118,898	41,959	160,857	50,604	110,253
1998	251,831	60,166	311,997	58,366	253,631
1999	185,162	110,041	295,203	78,918	216,285
2000	34,497	119,443	153,940	32,239	121,701
2001	26,844	172,581	199,425	28,589	170,836

(1) Converted to round(live) weight by multiplying fresh and frozen by 1.50; meat, 4.50; and canned, 5.00.
(2) Domestic merchandise converted to round(live) weight by multiplying frozen weight by 2.13 (believed to be mostly sections); meat, 4.50; and canned, 5.33. Foreign exports converted using the same factors as imports.
(3) Estimated, based on available foreign import data.

U.S. SUPPLY OF CANNED CRABMEAT, 1992-2001
(Canned weight)

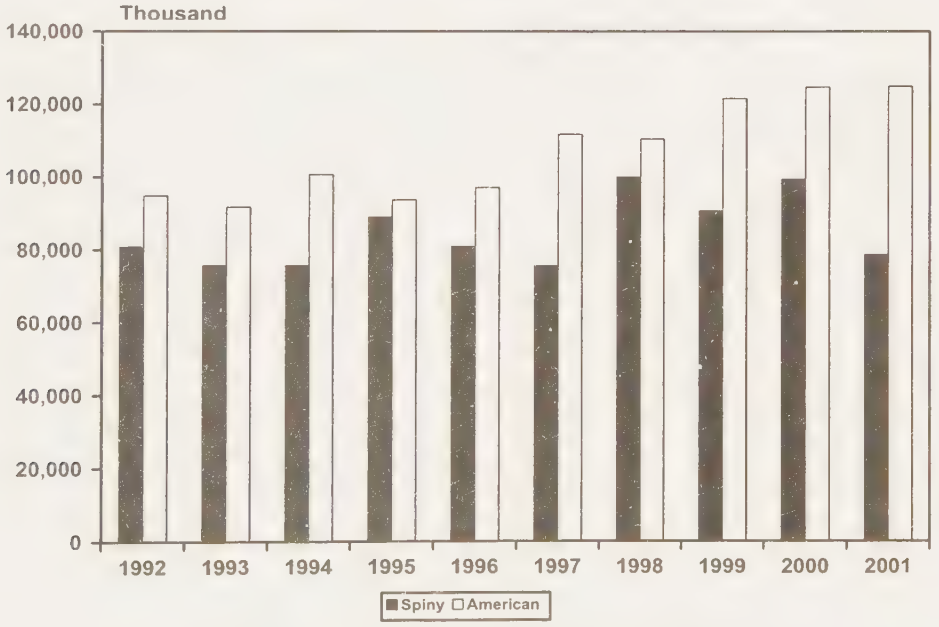
Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1992	99	9,577	9,676	789	8,887
1993	70	9,817	9,887	668	9,219
1994	17	9,852	9,869	511	9,358
1995	65	12,441	12,506	276	12,230
1996	93	12,773	12,866	337	12,529
1997	83	15,871	15,954	608	15,346
1998	67	22,020	22,087	558	21,529
1999	27	27,707	27,734	1,329	26,405
2000	31	31,246	31,277	2,586	28,691
2001	6	36,923	36,929	1,931	34,998

U.S. SUPPLY OF AMERICAN LOBSTERS,1992-2001
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	Thousand pounds				
1992	55,841	59,335	115,176	20,332	94,844
1993	56,513	55,570	112,083	20,354	91,729
1994	66,416	65,949	132,365	31,646	100,719
1995	66,406	62,923	129,329	35,587	93,742
1996	71,641	65,379	137,020	39,919	97,101
1997	83,921	73,033	156,954	45,262	111,692
1998	79,642	73,601	153,243	42,874	110,369
1999	87,469	90,830	178,299	56,755	121,544
2000	83,180	105,964	189,144	64,452	124,692
2001	73,637	111,149	184,786	59,898	124,888

(1) Only imports from Canada and St. Pierre and Miquelon are considered American lobsters and were converted to round weight by using these conversion factors: 1.00, whole; 4.50, meat, and 4.64, canned.
(2) Domestic exports conversion to live weight by 1.00, whole; 4.00, meat; and 4.50, canned. Foreign exports converted using import factors.

U.S. Supply of Lobster



U.S. SUPPLY OF SPINY LOBSTERS,1992-2001
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	Thousand pounds				
1992	4,872	77,848	82,720	2,001	80,719
1993	6,076	70,884	76,960	1,306	75,654
1994	8,104	68,787	76,891	1,304	75,587
1995	7,123	86,900	94,023	5,035	88,988
1996	8,308	75,595	83,903	3,033	80,870
1997	7,240	74,120	81,360	5,842	75,518
1998	5,935	95,801	101,736	1,802	99,934
1999	6,692	86,240	92,932	2,346	90,586
2000	6,463	94,433	100,896	1,571	99,325
2001	4,082	76,667	80,749	2,158	78,591

(1) Imports were converted to round (live) weight by using these conversion factors: 1.00, whole; 3.00, tails; 4.35, other; and 4.50 canned.
(2) Domestic exports converted to round (live) weight by using: 1.00, whole; 3.00, tails; 4.00, other; and 4.50, canned.

U.S. SUPPLY OF CLAMS, 1992-2001
(Meat weight)

Year	U.S. commercial landings (1)	Imports (2)	Total	Exports	Total supply
	Thousand pounds				
1992	142,449	14,262	156,711	1,662	155,049
1993	147,752	9,579	157,331	1,809	155,522
1994	131,427	15,507	146,934	2,617	144,317
1995	134,224	12,645	146,869	2,853	144,016
1996	123,239	14,340	137,579	3,448	134,131
1997	114,180	13,184	127,364	3,651	123,713
1998	107,959	15,666	123,625	4,318	119,307
1999	112,230	16,315	128,545	3,898	124,647
2000	118,482	17,767	136,249	3,627	132,622
2001	122,764	19,962	142,726	4,080	138,646

(1) For species breakout see table on page 1.
(2) Imports and exports were converted to meat weight by using these conversion factors: 0.40 in shell or shucked; 0.30, canned chowder and juice; and 0.93, other.

U.S. SUPPLY OF OYSTERS, 1992-2001
(Meat weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports	Total supply
	Thousand pounds				
1992	36,156	26,529	62,685	797	61,888
1993	33,575	28,244	61,819	1,131	60,688
1994	38,086	24,694	62,780	1,988	60,792
1995	40,380	24,200	64,580	1,908	62,672
1996	38,007	21,708	59,715	1,648	58,067
1997	39,652	20,533	60,185	2,191	57,994
1998	33,538	29,575	63,113	1,877	61,236
1999	26,983	30,012	56,995	2,047	54,948
2000	41,146	32,735	73,881	2,447	71,434
2001	32,673	28,416	61,089	3,007	58,082

(1) Imports and exports were converted to meat weight by using these conversion factors: 0.93, canned; 3.12, canned smoked; and 0.75, other.

U.S. SUPPLY OF SCALLOPS, 1992-2001
(Meat weight)

Year	U.S. commercial landings (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1992	33,884	38,682	72,566	3,589	68,977
1993	18,638	51,973	70,611	4,147	66,464
1994	25,469	56,676	82,145	5,990	76,155
1995	19,526	48,331	67,857	5,926	61,931
1996	18,197	58,686	76,883	6,191	70,692
1997	15,474	60,146	75,620	9,861	65,759
1998	13,166	52,445	65,611	7,306	58,305
1999	27,178	44,079	71,257	6,982	64,275
2000	32,772	53,649	86,421	8,911	77,510
2001	46,964	39,696	86,660	10,295	76,365

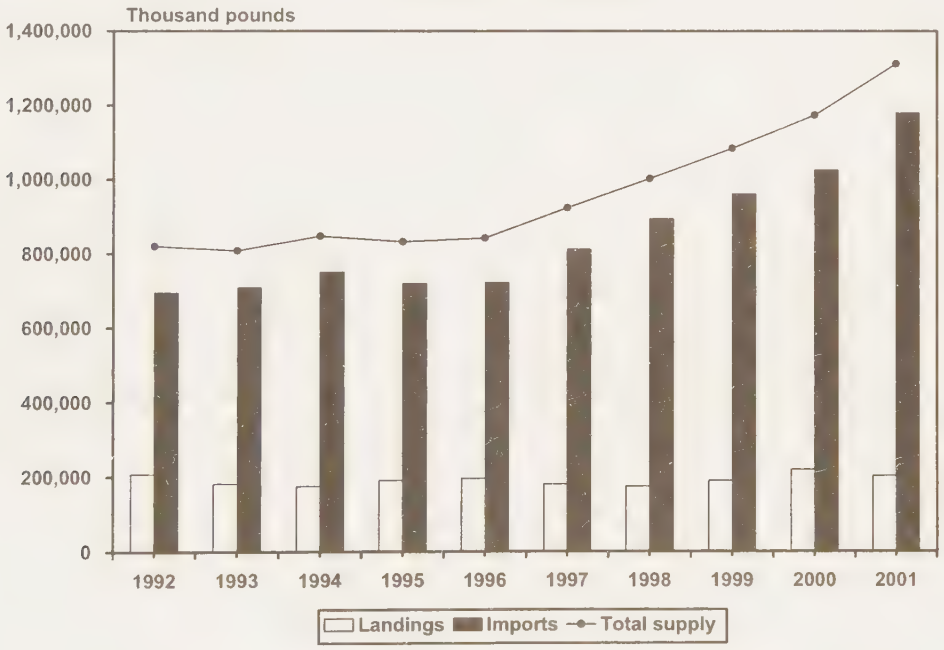
(1) For species breakout see table on page 1.

U.S. SUPPLY OF ALL FORMS OF SHRIMP, 1992-2001
(Heads-off weight)

Year	U.S. commercial landings (1)	Imports (2)	Total	Exports (3)	Total supply
	Thousand pounds				
1992	207,086	694,254	901,340	81,604	819,736
1993	180,687	708,683	889,370	81,447	807,923
1994	174,969	749,993	924,962	77,755	847,207
1995	190,208	719,463	909,671	77,677	831,994
1996	195,902	720,852	916,754	75,130	841,624
1997	179,084	810,696	989,780	66,674	923,106
1998	173,304	893,578	1,066,882	65,302	1,001,580
1999	189,112	959,915	1,149,027	65,427	1,083,600
2000	218,542	1,024,476	1,243,018	70,383	1,172,635
2001	201,428	1,178,232	1,379,660	67,975	1,311,685

(1) Commercial landings were converted to heads-off weight by using these conversion factors: South Atlantic and Gulf 0.629; and New England, Pacific and other, 0.57.
(2) Imports were converted to heads-off weight by using these conversion factors: breaded,0.63; shell-on, 1.00; peeled raw, 1.28; canned, 2.52; and other, 2.40.
(3) Exports were converted to heads-off weight by using these conversion factors: domestic fresh and frozen, 1.18; canned, 2.02; other, 2.40; foreign--fresh and frozen, 1.00; canned, 2.52; and other, 2.40.

U.S. Supply of Shrimp



U.S. SUPPLY OF CANNED SHRIMP, 1992-2001
(Canned weight)

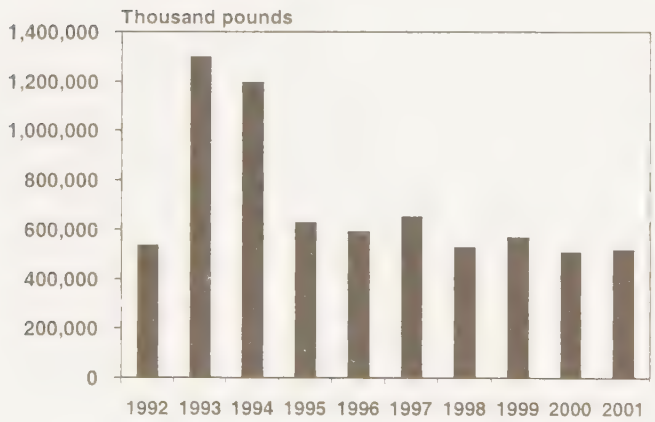
Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1992	640	9,273	9,913	1,931	7,982
1993	658	8,170	8,828	2,557	6,271
1994	463	6,314	6,777	1,841	4,936
1995	912	6,570	7,482	3,250	4,232
1996	819	3,563	4,382	2,665	1,717
1997	1,168	3,620	4,788	1,470	3,318
1998	2,253	3,406	5,659	1,660	3,999
1999	1,955	2,945	4,900	2,355	2,545
2000	1,910	3,655	5,565	2,549	3,016
2001	1,592	4,273	5,865	3,091	2,774

U.S. SUPPLY OF FISH MEAL, 1992-2001
(Product weight)

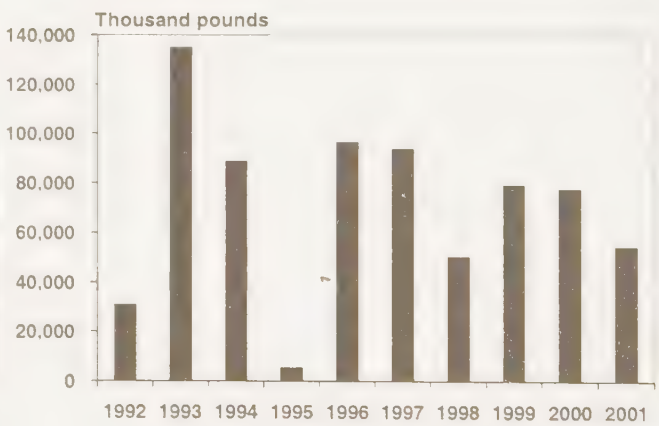
Year	U.S. production (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1992	644,512	150,911	795,423	258,511	536,912
1993	750,744	760,664	1,511,408	212,859	1,298,549
1994	807,833	548,288	1,356,121	159,937	1,196,184
1995	667,240	139,101	806,341	176,981	629,360
1996	643,124	135,561	778,685	186,412	592,273
1997	724,668	142,049	866,717	216,289	650,428
1998	613,434	125,404	738,838	210,658	528,180
1999	686,250	73,069	759,319	192,512	566,807
2000	638,244	79,013	717,257	209,177	508,080
2001	643,994	113,277	757,271	238,013	519,258

(1) Includes shellfish meal.

U.S. Supply of Fish Meal



U.S. Supply of Fish Oils



U.S. SUPPLY OF FISH OILS, 1992-2001
(Product weight)

Year	U.S. production	Imports	Total	Exports	Total supply
	Thousand pounds				
1992	184,725	23,772	208,497	177,444	31,053
1993	293,452	26,052	319,504	184,488	135,016
1994	291,189	40,642	331,831	242,788	89,043
1995	241,941	23,913	265,854	260,394	5,460
1996	248,399	35,622	284,021	187,294	96,727
1997	283,379	25,622	309,001	215,255	93,746
1998	222,697	24,213	246,910	196,664	50,246
1999	286,182	25,677	311,859	232,546	79,313
2000	192,348	27,220	219,568	142,221	77,347
2001	279,416	23,532	302,948	248,798	54,150

Per Capita Consumption

The NMFS calculation of per capita consumption is based on a "disappearance" model. The total U.S. supply of imports and landings is converted to edible weight, and decreases in supply such as exports and inventories are subtracted out. The remaining total is divided by a population value to estimate per capita consumption. Data for the model are derived primarily from secondary sources and are subject to incomplete reporting; changes in source data or invalid model assumptions may each have a significant effect on the resulting calculation.

U.S. per capita consumption of fish and shellfish was 14.8 pounds (edible meat) in 2001. This total was 0.4 pounds less than the revised 15.2 pounds consumed in 2000. Per capita consumption of fresh and frozen products was 10.3 pounds, 0.1 pound more than 2000.

Fresh and frozen finfish accounted for 5.7 pounds while fresh and frozen shellfish consumption was 4.6 pounds per capita. The fresh and frozen finfish includes approximately 1.1 pounds of farm raised catfish.

Consumption of canned fishery products was 4.2 pounds per capita in 2001, 0.5 pounds less than the revised 4.7 in 2000. Cured fish accounted for 0.3 pound per capita, the same as in previous years. Imports of edible seafood made up 76 percent of the consumption.

PER CAPITA USE. Per capita use is based on the supply of fishery products, both edible and non-edible (industrial), on a round-weight equivalent basis without considering beginning or ending stocks, defense purchases, or exports. The per capita use of all edible and industrial fishery products in 2001 was 63.6 pounds, up 2.2 pounds compared with 2000.

WORLD CONSUMPTION. The FAO calculation for apparent consumption is also based on a disappearance model. The three year average considers, on a round weight equivalent basis, a country's landings, imports, and exports. The 1997-99 data indicates that the United States ranks as the third largest consumer of seafood in the world.

Per Capita Consumption

Annual per capita consumption of seafood products represents the pounds of edible meat consumed from domestically-caught and imported fish and shellfish adjusted for beginning and ending inventories and exports, divided by the civilian population of the United States as of July 1 of each year.

U.S. ANNUAL PER CAPITA CONSUMPTION OF COMMERCIAL FISH AND SHELLFISH, 1910-2001

Year	Civilian resident population July 1 (1)	Per capita consumption			
		Fresh and frozen (2)	Canned (3)	Cured (4)	Total
	Million persons	-------Pounds, edible meat-------			
1910	92.2	4.5	2.8	3.9	11.2
1920	106.5	6.3	3.2	2.3	11.8
1930	122.9	5.8	3.4	1.0	10.2
1940	132.1	5.7	4.6	0.7	11.0
1950	150.8	6.3	4.9	0.6	11.8
1960	178.1	5.7	4.0	0.6	10.3
1970	201.9	6.9	4.5	0.4	11.8
1980	225.6	7.9	4.3	0.3	12.5
1981	227.8	7.8	4.6	0.3	12.7
1982	230.0	7.9	4.3	0.3	12.5
1983	232.1	8.4	4.7	0.3	13.4
1984	234.1	9.0	4.9	0.3	14.2
1985	236.2	9.8	5.0	0.3	15.1
1986	238.4	9.8	5.4	0.3	15.5
1987	240.6	10.7	5.2	0.3	16.2
1988	242.8	10.0	4.9	0.3	15.2
1989	245.1	10.2	5.1	0.3	15.6
1990	247.8	9.6	5.1	0.3	15.0
1991 (5)	250.5	9.7	4.9	0.3	14.9
1992 (5)	253.5	9.9	4.6	0.3	14.8
1993 (5)	256.4	10.2	4.5	0.3	15.0
1994 (5)	259.2	10.4	4.5	0.3	15.2
1995 (5)	261.4	10.0	4.7	0.3	15.0
1996 (5)	264.0	10.0	4.5	0.3	14.8
1997 (5)	266.4	9.9	4.4	0.3	14.6
1998 (5)	269.1	10.2	4.4	0.3	14.9
1999 (5)	271.5	10.4	4.7	0.3	15.4
2000 (6)	280.9	10.2	4.7	0.3	15.2
2001	283.6	10.3	4.2	0.3	14.8

(1) Resident population for 1910 and 1920 and civilian resident population for 1930 to date.

(2) Fresh and frozen fish consumption for 1910 and 1920 is estimated. Beginning in 1973, data include consumption of cultivated catfish.

(3) Canned fish consumption for 1920 is estimated. Beginning in 1921, it is based on production reports, packer stocks, and foreign trade statistics for individual years.

(4) Cured fish consumption for 1910 and 1920 is estimated.

(5) Resident population estimates for 1991 through 1999 have not been released. Consumption estimates will be revised accordingly upon new population estimates.

(6) Resident population for 2000 has been revised and data adjusted to reflect change.

*Record years: Fresh and Frozen--10.7 lb, 1987; Canned--5.8, 1936; Cured--4.0, 1909; and Total--16.2 lb, 1987.

U.S. ANNUAL PER CAPITA CONSUMPTION OF CANNED FISHERY PRODUCTS, 1980-2001

Year	Salmon	Sardines	Tuna	Shellfish	Other	Total
	Pounds					
1980	0.5	0.3	3.0	0.4	0.1	4.3
1981	0.5	0.4	3.0	0.4	0.3	4.6
1982	0.5	0.3	2.8	0.4	0.3	4.3
1983	0.5	0.2	3.2	0.4	0.4	4.7
1984	0.6	0.2	3.2	0.4	0.5	4.9
1985	0.5	0.3	3.3	0.5	0.4	5.0
1986	0.5	0.3	3.6	0.5	0.5	5.4
1987	0.4	0.3	3.5	0.5	0.5	5.2
1988	0.3	0.3	3.6	0.4	0.3	4.9
1989	0.3	0.3	3.9	0.4	0.2	5.1
1990	0.4	0.3	3.7	0.3	0.4	5.1
1991 (1)	0.5	0.2	3.6	0.4	0.2	4.9
1992 (1)	0.5	0.2	3.5	0.3	0.1	4.6
1993 (1)	0.4	0.2	3.5	0.3	0.1	4.5
1994 (1)	0.4	0.2	3.3	0.3	0.3	4.5
1995 (1)	0.5	0.2	3.4	0.3	0.3	4.7
1996 (1)	0.5	0.2	3.2	0.3	0.3	4.5
1997 (1)	0.4	0.2	3.1	0.3	0.4	4.4
1998 (1)	0.3	0.2	3.4	0.3	0.2	4.4
1999 (1)	0.3	0.2	3.5	0.4	0.3	4.7
2000 (2)	0.3	0.2	3.5	0.3	0.4	4.7
2001	0.4	0.2	2.9	0.3	0.4	4.2

(1) Residential population estimates for 1991 through 1999 have not been released. Consumption estimates will be revised accordingly upon new population estimates.

(2) Resident population for 2000 has been revised and data adjusted to reflect changes.

U.S. ANNUAL PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1980-2001

Year	Fillets and steaks (1)	Sticks and portions	Shrimp, all preparation
	Pounds (2)		
1980	2.4	2.0	1.4
1981	2.4	1.8	1.5
1982	2.5	1.7	1.5
1983	2.7	1.8	1.7
1984	3.0	1.8	1.9
1985	3.2	1.8	2.0
1986	3.4	1.8	2.2
1987	* 3.6	1.7	2.4
1988	3.2	1.5	2.4
1989	3.1	1.5	2.3
1990	3.1	1.5	2.2
1991 (3)	3.0	1.2	2.4
1992 (3)	2.9	0.9	2.5
1993 (3)	2.9	1.0	2.5
1994 (3)	3.1	0.9	2.6
1995 (3)	2.9	1.2	2.5
1996 (3)	3.0	1.0	2.5
1997 (3)	3.0	1.0	2.7
1998 (3)	3.2	0.9	2.8
1999 (3)	3.2	1.0	3.0
2000 (4)	3.3	0.9	3.2
2001	3.4	0.8	* 3.4

(1) Data include groundfish and other species. Data do not include blocks, but fillets could be made into blocks from which sticks and portions could be produced.

(2) Products weight of fillets and steaks, sticks and portions; edible (meat) weight of shrimp.

(3) Resident population estimates for 1991 through 1999 have not been released. Consumption estinates will be revised accordingly upon new population estimates.

(4) Resident population for 2000 has been revised and data adjusted to reflect changes.

*Record

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 1997-99 AVERAGE

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
North America:		
Canada	23.0	50.7
Greenland	84.3	185.8
St. Pierre and Miquelon	64.2	141.5
United States	21.2	46.7
Caribbean:		
Anguilla	23.5	51.8
Antigua	40.5	89.3
Aruba	44.1	97.2
Bahamas	21.9	48.3
Barbados	30.3	66.8
Bermuda	36.4	80.2
British Virgin Islands	5.0	11.0
Cayman Islands	6.2	13.7
Cuba	13.0	28.7
Dominica	34.8	76.7
Dominican Republic	8.4	18.5
Grenada	21.8	48.1
Guadeloupe	22.8	50.3
Haiti	2.9	6.4
Jamaica	19.8	43.7
Martinique	32.6	71.9
Netherland Antilles	17.2	37.9
Puerto Rico	0.7	1.5
Saint Lucia	27.4	60.4
Saint Kitts and Nevis	26.7	58.9
Saint Vincent	14.1	31.1
Trinidad-Tobago	12.0	26.5
Turks & Caicos	29.9	65.9
U.S. Virgin Islands	6.8	15.0
Latin America:		
Argentina	8.4	18.5
Belize	12.4	27.3
Bolivia	1.6	3.5
Brazil	6.5	14.3
Chile	20.6	45.4
Colombia	4.4	9.7
Costa Rica	5.4	11.9
Ecuador	7.0	15.4
El Salvador	2.5	5.5
French Guiana	50.3	110.9
Guatemala	1.4	3.1
Guyana	59.6	131.4
Honduras	2.5	5.5
Mexico	9.6	21.2
Nicaragua	3.0	6.6
Panama	9.5	20.9
Paraguay	5.4	11.9
Peru	20.3	44.8
Suriname	22.8	50.3
Uruguay	8.2	18.1
Venezuela	18.3	40.3
Europe:		
Albania	2.0	4.4
Armenia	0.4	0.9
Austria	11.3	24.9
Azerbaijan	0.7	1.5
Belarus	8.2	18.1

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
Europe - Continued:		
Belgium and Luxembourg	19.9	43.9
Bosnia-Hercegovina	1.6	3.5
Bulgaria	4.2	9.3
Croatia	4.7	10.4
Czech Republic	9.7	21.4
Denmark	23.4	51.6
Estonia	19.0	41.9
Faeroe Island	86.5	190.7
Finland	31.2	68.8
France	29.9	65.9
Georgia	1.2	2.6
Germany	12.8	28.2
Greece	25.7	56.7
Hungary	3.8	8.4
Iceland	90.2	198.9
Ireland	15.4	34.0
Italy	22.9	50.5
Kazakhstan	1.7	3.7
Kyrgyzstan	0.7	1.5
Latvia	14.1	31.1
Lithuania	20.7	45.6
Macedonia	4.5	9.9
Malta	29.9	65.9
Moldova	3.2	7.1
Netherlands	19.2	42.3
Norway	51.9	114.4
Poland	10.4	22.9
Portugal	60.1	132.5
Romania	2.3	5.1
Russian Federation	21.6	47.6
Slovakia	7.5	16.5
Slovenia	6.7	14.8
Spain	44.0	97.0
Sweden	26.6	58.6
Switzerland	14.5	32.0
Tajikistan	0.1	0.2
Turkmenistan	1.6	3.5
Ukraine	11.3	24.9
United Kingdom	20.3	44.8
Uzbekistan	0.5	1.1
Yugoslavia	2.7	6.0
Near East:		
Afghanistan	0.1	0.2
Bahrain	13.8	30.4
Cyprus	22.0	48.5
Egypt	11.0	24.3
Iran	4.4	9.7
Iraq	1.5	3.3
Israel	22.9	50.5
Jordan	4.2	9.3
Kuwait	12.1	26.7
Lebanon	6.6	14.6
Libya	6.1	13.4
Oman	25.5	56.2
Qatar	10.9	24.0
Saudi Arabia	7.2	15.9
Sudan	1.7	3.7
Syria	1.5	3.3
Turkey	8.0	17.6
United Arab Emirates	24.5	54.0
Yemen Republic	6.8	15.0

See note at end of table.

(Continued on next page)

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 1997-99 AVERAGE

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
Far East:		
Bangladesh	10.2	22.5
Bhutan	0.2	0.4
Brunei	22.7	50.0
Burma	15.8	34.8
Cambodia	11.8	26.0
China	24.4	53.8
Hong Kong	54.7	120.6
India	4.7	10.4
Indonesia	19.0	41.9
Japan	65.2	143.7
Laos	9.9	21.8
Macao	33.9	74.7
Maldives	203.1	447.8
Malaysia	57.7	60.6
Mongolia	0.0	0.0
Nepal	1.1	2.4
North Korea	9.4	20.7
Pakistan	2.5	5.5
Philippines	29.6	65.3
Singapore	26.7	58.9
South Korea	47.7	105.2
Sri Lanka	20.3	44.8
Taiwan	35.0	77.2
Thailand	28.6	63.1
Vietnam	18.1	39.9
Africa:		
Algeria	3.5	7.7
Angola	10.2	22.5
Benin	8.6	19.0
Botswana	5.2	11.5
Burkina	1.6	3.5
Burundi	2.4	5.3
Cameroon	12.3	27.1
Cape Verde	20.1	44.3
Central African Rep	4.2	9.3
Chad	6.9	15.2
Comoros	19.4	42.8
Congo (Brazzaville)	21.0	46.3
Congo (Kinshasa)	6.3	13.9
Djibouti	2.2	4.9
Equatorial Guinea	20.1	44.3
Eritrea	0.9	2.0
Ethiopia	0.2	0.4
Gabon	47.6	104.9
Gambia	23.9	52.7
Ghana	28.1	61.9
Guinea	11.1	24.5
Guinea-Bissau	4.2	9.3
Ivory Coast	14.1	31.1
Kenya	5.4	11.9
Liberia	5.8	12.8
Madagascar	7.5	16.5

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
Africa - Continued:		
Malawi	4.5	9.9
Mali	8.7	19.2
Mauritania	10.5	23.1
Mauritius	22.9	50.5
Morocco	8.4	18.5
Mozambique	2.6	5.7
Namibia	11.6	25.6
Niger	0.9	2.0
Nigeria	8.8	19.4
Reunion	12.2	26.9
Rwanda	1.0	2.2
Sao Tome	18.5	40.8
Senegal	32.1	70.8
Seychelles	62.7	138.2
Sierra Leone	13.6	30.0
Somalia	2.4	5.3
South Africa	6.7	14.8
Saint Helena	55.4	122.1
Swaziland	10.3	22.7
Tanzania	8.9	19.6
Togo	13.3	29.3
Tunisia	9.4	20.7
Uganda	8.9	19.6
Zambia	7.3	16.1
Zimbabwe	2.5	5.5
Oceania:		
American Samoa	7.9	17.4
Australia	20.4	45.0
Cook Island	52.2	115.1
Fiji	32.3	71.2
French Polynesia	46.9	103.4
Guam	2.9	6.4
Kiribati	75.1	165.6
Marshall Islands	6.6	14.6
Micronesia	39.0	86.0
Nauru	25.9	57.1
New Caledonia	23.5	51.8
New Zealand	30.0	66.1
Niue	60.0	132.3
Northern Mariana Islands	3.4	7.5
Palau	91.4	201.5
Papua New Guinea	14.9	32.8
Solomon Islands	52.5	115.7
Tokelau	200.0	440.9
Tonga	40.7	89.7
Tuvalu	32.8	72.3
Vanuatu	31.6	69.7
Wallis and Futuna Islands	14.0	30.9
Western Samoa	50.8	112.0
World	**15.8**	**34.8**

Note:--Data for most countries are tentative. Aquatic plants are included where applicable.
Source:--Food and Agriculture Organization of the United Nations (FAO)

Per capita use of commercial fish and shellfish is based on the supply of fishery products, both edible and nonedible (industrial), on a round weight equivalent basis, without considering the beginning or ending stocks, defense purchases, or export.

Per capita use figures are not comparable with per capita consumption data. Per capita consumption figures represent edible (for human use) meat weight consumption rather than round weight consumption. In addition, per capita consumption includes allowances for beginning and ending stocks and exports, whereas the use does not include such allowances.

Per capita use is derived by using total population including U.S. Armed Forces overseas. The per capita consumption is derived by using civilian resident population.

U.S ANNUAL PER CAPITA USE OF COMMERCIAL FISH AND SHELLFISH, 1960-2001 (1)

Year	Total population including armed forces overseas July 1	U.S. supply	Per capita utilization		
			Commercial landings	Imports	Total
	Million persons	Million pounds	Pounds		
1960	180.7	8,223	27.3	18.2	45.5
1961	183.7	9,570	28.2	23.9	52.1
1962	186.5	10,408	28.7	27.1	55.8
1963	189.2	11,434	25.6	34.8	60.4
1964	191.9	12,031	23.7	39.0	62.7
1965	194.3	10,535	24.6	29.6	54.2
1966	196.6	12,469	22.2	41.2	63.4
1967	198.7	13,991	20.4	50.0	70.4
1968	200.7	17,381	20.7	65.9	86.6
1969	202.7	11,847	21.4	37.0	58.4
1970	205.1	11,474	24.0	31.9	55.9
1971	207.7	11,804	24.1	32.7	56.8
1972	209.9	13,849	22.9	43.1	66.0
1973	211.9	10,378	22.9	26.1	49.0
1974	213.9	9,875	23.2	23.0	46.2
1975	216.0	10,164	22.6	24.5	47.1
1976	218.0	11,593	24.7	28.5	53.2
1977	220.2	10,652	23.9	24.4	48.3
1978	222.6	11,509	27.1	24.6	51.7
1979	225.1	11,831	27.9	24.7	52.6
1980	227.7	11,357	28.5	21.4	49.9
1981	230.0	11,353	26.0	23.4	49.4
1982	232.2	12,011	27.4	24.3	51.7
1983	234.3	12,352	27.5	25.2	52.7
1984	236.3	12,552	27.3	25.8	53.1
1985	238.5	15,150	26.2	37.3	63.5
1986	240.7	14,368	25.1	34.6	59.7
1987	242.8	15,744	28.4	36.4	64.8
1988	245.0	14,628	29.3	30.4	59.7
1989	247.3	15,485	34.2	28.4	62.6
1990	249.9	16,349	37.6	27.8	65.4
1991 (2)	252.7	16,363	37.5	27.3	64.8
1992 (2)	255.5	16,106	37.7	25.3	63.0
1993 (2)	258.2	20,334	40.6	38.2	78.8
1994 (2)	260.7	19,309	40.1	34.0	74.1
1995 (2)	263.0	16,484	37.2	25.5	62.7
1996 (2)	265.3	16,474	36.1	26.0	62.1
1997 (2)	268.2	17,132	36.7	27.2	63.9
1998 (2)	270.6	16,897	34.0	28.5	62.5
1999 (2)	272.9	17,378	34.2	29.5	63.7
2000 (3)	282.3	17,338	32.1	29.3	61.4
2001	285.0	18,118	33.3	30.3	63.6

(1) Data include U.S. commercial landings and imports of both edible and nonedible (industrial) fishery products on a round weight basis. "Total supply" is not adjusted for beginning and ending stocks, defense purchases , or exports.

(2) Resident population estimates for 1991 through 1999 have not been released. Consumption estimates will be revised accordingly upon new population estimates.

(3) Resident population for 2000 has been revised and data adjusted to reflect change.

SUMMARY OF 2001 VALUE ADDED, MARGINS, AND CONSUMER EXPENDITURES FOR COMMERCIAL MARINE FISHERY PRODUCTS IN THE UNITED STATES (1)

Sector or type of activity	Purchase of fishery inputs	Mark-up of fishery inputs	Total mark-up within sector	Value added as percent of total mark-up	Value added within sector	Value of sales by sector	Value added contri-bution	Offshore fleet & exported fishery products
	Thousand Dollars	Percentage of Fishery Inputs	Thousand Dollars	Percentage	Thousand Dollars	Thousand Dollars	Percentage of GNP Con-tribution	Thousand Dollars
Domestic Harvest:								
Edible	-	100.0	$3,090,188	62.5	$1,931,183	$3,090,188	6.7	-
Industrial	-	100.0	$102,690	59.5	$61,101	$102,690	0.2	-
Harvest not landed in U.S	-	100.0	$113,963	69.7	$79,383	$113,963	0.3	$113,963
Imports, Unprocessed	$4,029,660	-	-	-	-	$4,029,660	-	-
Exports, Unprocessed	-	-	-	-	-	-	-	$941,472
Primary Wholesale and Processing	$6,281,066	99.9	$6,274,680	60.4	$3,787,531	$12,555,745	13.2	-
Imports, Processed	$5,983,185	-	-	-	-	$5,983,185	-	-
Exports, Processed	-	-	-	-	-	-	-	$2,300,832
Secondary Wholesale and Processing:								
Edible	$16,068,269	62.7	$10,076,428	28.0	$2,825,787	$26,144,697	9.9	-
Industrial	$169,830	62.7	$106,500	28.0	$29,866	$276,330	0.1	-
Retail Trade from Food Service	$13,528,552	182.4	$24,676,905	69.8	$17,215,379	$38,205,457	60.1	-
Retail Trade from Stores	$12,616,144	33.4	$4,216,603	64.2	$2,708,389	$16,832,747	9.5	-
TOTAL U.S. VALUE ADDED ACTIVITY:					**$28,638,619**		**100.0**	
CONSUMERS EXPENDITURES (& WHOLESALE PURCHASES OF INDUSTRIAL PRODUCTS) FOR FISHERY PRODUCTS:						**$55,314,535**		

(1) Includes industrial products and landings by U.S.-flag vessels at U.S. ports, foreign ports, and transfers to internal water processing vessels.

Note.-- The table reports the contribution of commercial marine fishing to the national economy as measured by margin, value added, and sales. These measures are consistent with the Bureau of the Census definitions.

Margin or mark-up is the difference between the price paid for the product by the consumer or wholesale purchaser and the dockside or wholesale value for an equivalent weight of the product. (It is assumed that fishermen catch their fish without paying purchase price and therefore the entire dockside or exvessel price is considered margin.) Value added is a measure of the factors added to the total worth of a product at each stage of the production process. It is defined as the gross receipts of firms minus the cost of purchased goods and services needed to fabricate the products. Gross National Product (GNP) is equal to the sum of the value added of all economic entities in the economy. Value added within a sector respresents that sector's contribution to GNP.

Value added includes wages, salaries, interest, depreciation, rent, taxes and profit. Consumer expenditures are the final retail value of seafood products sold through stores and food service outlets plus secondary wholesale and processing of industrial products.

Prices

The Exvessel Price table is an index of changes in the relative dockside value of fish and shellfish sold by fishing vessels. The table indexes the average annual exvessel value (price per pound) received for each species or group to the average price per pound received for the same species or group in the base year 1982.

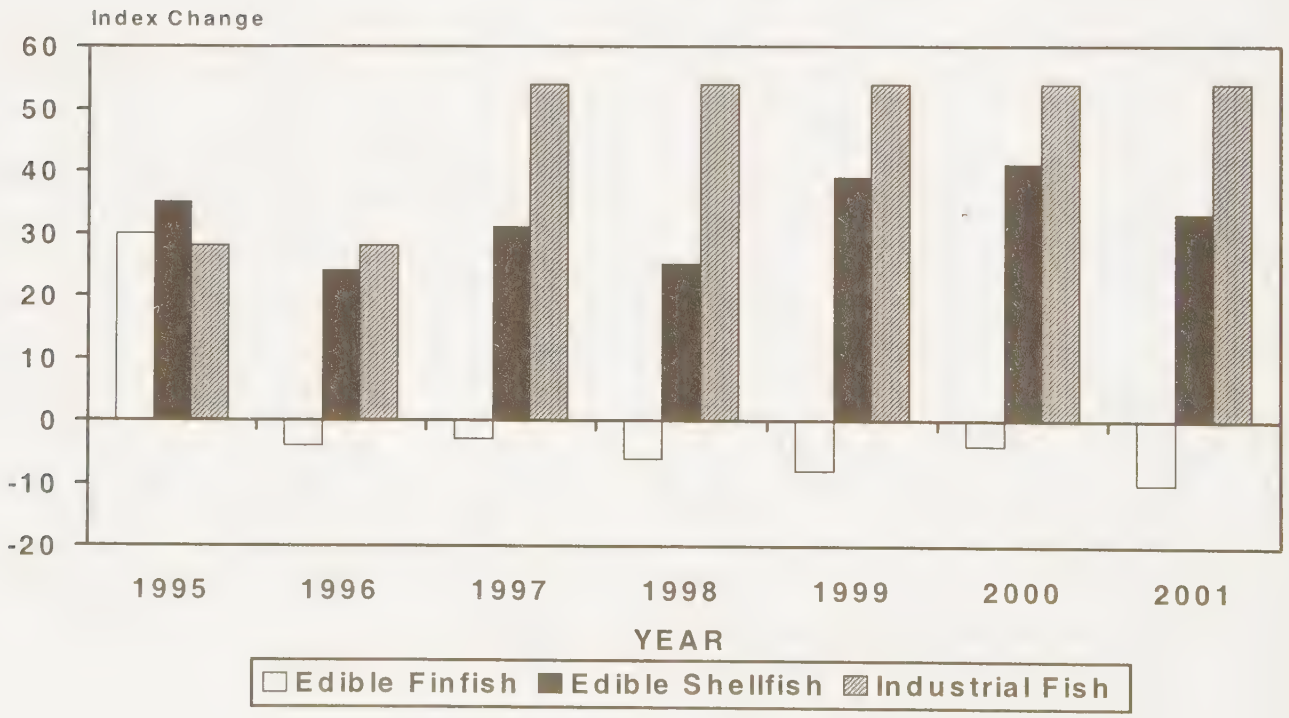
The exvessel price for each year was obtained by dividing total value for each species or group by its total quantity as reported in the U. S. commercial landings tables on pages 8 thru 13. The index for each species or group was obtained by multiplying the current annual price by the total quantity caught in 1982 (the base year). That number was then divided by the 1982 value to obtain the final index:

$$\frac{(100 \times \text{Current price X 1982 quantity})}{\text{1982 Annual value}} = \text{Index}$$

Each index number measures price changes from the 1982 reference period when the index equaled 100. A species of fish that sold for $0.75 a pound in 1986 and a $1.00 a pound in 1982 would have an index of 75 in 1986. In 2000, if the price of the same species increased to $1.07, the index in 2001 would be 107.

Percent Changes in the Exvessel Price Index, 1995-2001

(Change Relative to Base Year = 1982)



INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY YEARS, 1995-2001
(1982=100)

Species	1995	1996	1997	1998	1999	2000	2001
Groundfish, et al:							
Cod	77	76	84	68	68	106	103
Haddock	277	239	218	253	264	264	227
Pollock:							
Atlantic	412	311	255	294	372	352	306
Alaska	161	160	170	124	124	109	128
Flounders	96	91	63	67	74	72	81
Total groundfish, et al.	**125**	**115**	**100**	**99**	**106**	**144**	**114**
Halibut	173	199	195	165	180	225	172
Sea herring	126	137	63	46	57	51	51
Salmon:							
Chinook	76	63	70	64	92	89	74
Chum	66	36	49	39	40	54	67
Pink	67	38	52	61	61	58	48
Sockeye	100	94	103	131	87	86	62
Coho	54	48	70	54	96	54	41
Total salmon	**82**	**69**	**81**	**90**	**81**	**75**	**60**
Swordfish	104	103	91	70	76	78	77
Tuna:							
Albacore	120	130	124	99	125	134	132
Bluefin	954	229	353	295	736	760	706
Skipjack	83	82	93	79	63	52	74
Yellowfin	283	113	126	100	88	122	120
Total tuna	**212**	**105**	**118**	**96**	**94**	**109**	**116**
Total edible finfish	**130**	**96**	**97**	**94**	**92**	**96**	**90**
Clams:							
Hard	113	148	163	174	160	144	148
Ocean Quahog	136	142	145	148	154	166	201
Soft	250	205	236	238	255	237	295
Surf	118	115	116	103	99	106	110
Total clams	**138**	**147**	**159**	**161**	**157**	**150**	**167**
Crabs:							
Blue	284	266	271	271	303	303	346
Dungeness	176	143	210	192	213	222	213
King	104	100	94	80	175	137	137
Snow	237	130	76	54	85	177	150
Total crabs	**182**	**144**	**135**	**121**	**178**	**188**	**188**
American lobster	141	147	138	138	160	157	150
Oysters	179	214	199	188	191	156	176
Scallops:							
Bay	55	69	111	90	133	134	288
Calico	124		217	(1)	93	(1)	(1)
Sea	138	153	179	166	166	137	102
Total scallops	**131**	**129**	**178**	**141**	**155**	**121**	**103**
Shrimp:							
Gulf and South Atlantic	99	88	106	94	97	111	95
Other	179	148	134	331	152	144	103
Total shrimp	**103**	**91**	**107**	**105**	**100**	**112**	**95**
Total edible shellfish	**135**	**124**	**133**	**125**	**139**	**141**	**133**
Total edible fish and shellfish	**133**	**111**	**117**	**111**	**118**	**121**	**114**
Industrial fish, Menhaden	128	128	154	154	154	154	**154**
All fish and shellfish	**132**	**112**	**119**	**113**	119	122	**116**

(1) Confidential data.

ESTIMATED NUMBER OF COMMERCIAL FISHING VESSELS (1) AND FISHING BOATS (2) BY REGION AND STATE, 1999 - 2000

Area and State	1999			2000		
	Vessels	Boats	Total	Vessels	Boats	Total
Northeast:						
Connecticut	232	281	513	182	243	425
Delaware	178	NA	NA	184	NA	NA
Maine	1,653	5,821	7,474	1,656	5,836	7,492
Maryland (3)	34	NA	NA	32	NA	NA
Massachusetts	700	4,520	5,220	695	4,540	5,235
New Hampshire	121	468	589	109	471	580
New Jersey	421	NA	NA	397	NA	NA
New York (4)	678	2,825	3,503	NA	NA	NA
Rhode Island	330	2,239	2,569	344	2,920	3,264
Virginia (3)	241	NA	NA	261	NA	NA
South Atlantic and Gulf:						
North Carolina	667	NA	NA	773	NA	NA
South Carolina	577	NA	NA	520	NA	NA
Georgia	350	NA	NA	265	NA	NA
Florida	2,214	5,602	7,816	2,136	5,502	7,638
Alabama	454	1,231	1,685	443	1,328	1,771
Mississippi	502	707	1,209	504	743	1,247
Louisiana	2,450	11,414	13,864	2,393	11,830	14,223
Texas	NA	NA	NA	NA	NA	NA
West Coast:						
Alaska	6,232	9,374	15,606	6,169	9,461	15,630
Washington	783	343	1,126	726	355	1,081
Oregon	643	308	951	721	376	1,097
California	1,438	1,142	2,580	1,307	1,132	2,439
Hawaii	NA	NA	NA	347	2,467	2,901
Great Lakes (5)						
Illinois	5	NA	NA	5	NA	NA
Indiana	NA	NA	NA	NA	NA	NA
Michigan	NA	NA	NA	NA	NA	NA
Minnesota	1	24	25	1	24	25
New York	2	NA	NA	1	NA	NA
Ohio	34	21	55	31	19	50
Pennsylvania	2	1	3	2	1	3
Wisconsin	68	18	86	78	18	96

(1) Vessels are documented craft greater than 5 net registered tons.
(2) Boats are craft less than 5 net registered ton.
(3) Only Federally collected data are available. Inshore data are not available.
(4) Excludes vessels andboats in the Great Lakes.
(5) Commercial fishing fleet size of the Great Lakes states represent only the number of licenses issued by the State; therefore , may not be an accurate total. Tribal data are not included in this table.
NA -- Data not available or provided seperately.

PROCESSORS AND WHOLESALERS: PLANTS, AND EMPLOYMENT, 2000

Area and State	Processing		Wholesale (1)		Total	
	Plants	Employment	Plants	Employment	Plants	Employment
	Number					
New England:						
Maine	46	1,439	224	1,514	270	2,953
New Hampshire	6	241	31	184	37	425
Massachusetts	58	2,247	287	2,778	345	5,025
Rhode Island	17	446	52	344	69	790
Connecticut	4	64	40	365	44	429
Total	**131**	**4,437**	**634**	**5,185**	**765**	**9,622**
Mid-Atlantic:						
New York	6	165	356	2,614	362	2,779
New Jersey	14	1,152	117	920	131	2,072
Pennsylvania	5	1,556	66	844	71	2,400
Delaware	(2)	(2)	(2)	(2)	(2)	(2)
District of Columbia	-	-	(2)	(2)	(2)	(2)
Maryland	19	967	80	659	99	1,626
Virginia	38	1,532	75	555	113	2,087
Total	**82**	**5,372**	**694**	**5,592**	**776**	**10,964**
South Atlantic:						
North Carolina	40	1,082	100	870	140	1,952
South Carolina	(2)	(2)	30	177	30	177
Georgia	5	1,124	56	664	61	1,788
Florida	101	2,928	363	3,183	464	6,111
Total	**146**	**5,134**	**549**	**4,894**	**695**	**10,028**
Gulf:						
Alabama	78	1,411	47	783	125	2,194
Mississippi	36	2,679	34	208	70	2,887
Louisiana	111	2,325	157	1,019	268	3,344
Texas	27	1,707	115	1,354	142	3,061
Total	**252**	**8,122**	**353**	**3,364**	**605**	**11,486**
Pacific:						
Alaska	179	8,435	192	337	371	8,772
Washington	85	3,919	204	1,436	289	5,355
Oregon	33	1,168	(2)	(2)	33	1,168
California	110	6,173	363	4,902	473	11,075
Total	**407**	**19,695**	**759**	**6,675**	**1,166**	**26,370**
Inland States, Total	**31**	**1,488**	**273**	**2,898**	**304**	**4,386**
Other Areas or States: (3), Total	**24**	**8,895**	**72**	**831**	**96**	**9,726**
Grand total	**1,073**	**53,143**	**3,334**	**29,439**	**4,407**	**82,582**

(1) Data are based on Standard Industrial Classification Code 5146, as reported by the Bureau of Labor Statistics.
(2) Included with Inland States for confidentiality reasons.
(3) Includes American Samoa, Hawaii, and Puerto Rico.

FISHERY PRODUCTS AND ESTABLISHMENTS INSPECTED IN CALENDAR YEAR, 2001

Region	Edible fishery products						
	Establishment (1)		Amount inspected				
	SIFE (2)	In-plant (3)	Grade A (4)	PUFI (4)	No mark (5)	Lot (6)	Total
	-Average number-		Thousand pounds				
Northeast	1	84	16,730	131,359	55,665	110,782	314,536
Southeast	0	100	13,784	65,781	58,499	94,664	232,729
West	1	59	16,286	23,398	953	267,920	308,558
Total	**2**	**243**	**46,799**	**220,539**	**115,117**	**473,367**	**(7) 855,822**

(1) These establishments are inspected under contract and certified as meeting U.S. Department of Commerce (USDC) regulations for construction and maintenance of facilities and equipment processing techniques, and employment practices.

(2) Fish processing establishments approved for sanitation under the Sanitary Inspected Fish Establishment Service (SIFE). Products are not processed under inspection.

(3) Sanitarily inspected fish establishments processing fishery products under USDC inspection. As of December 2001, 73 of these were in the Hazard Analysis Critical Control Point (HACCP) Program.

(4) Products processed under USDC inspection in inspected establishments and labeled with USDC inspection mark as "Processed Under Federal Inspection" (PUFI) and/or "U.S. Grade A."

(5) Products processed under inspection in inspected establishments but bearing no USDC inspection mark.

(6) Lot inspected and marked products checked for quality and condition at the time of examination and located in processing plants, warehouses, cold storage facilities, or terminal markets anywhere in the United States.

(7) Based on 2000 per capita consumption data, approximately 17.0 percent of seafood consumed in the U.S. is certified under the auspices of the Seafood Inspection Program.

Note:--Table may not add due to rounding.

Source:--NMFS, Seafood Inspection Program, F/SI.

The Magnuson-Stevens Fishery Conservation and Management Act

The Magnuson-Stevens Fishery Conservation and Management Act, Public Law 94-265 as amended (Magnuson-Stevens Act), provides for the conservation and management of fishery resources within the U.S. Exclusive Economic Zone (EEZ). It also provides for fishery management authority over continental shelf resources and anadromous species beyond the EEZ, except when they are found within a foreign nation's territorial sea or fishery conservation zone (or equivalent), to the extent that such sea or zone is recognized by the United States.

The EEZ extends from the seaward boundary of each of the coastal States (generally 3 nautical miles from shore for all but two States) to 200 nautical miles from shore. The seaward boundaries of Texas, Puerto Rico, and the Gulf coast of Florida are 3 marine leagues (9 nautical miles). The EEZ encompasses approximately 3.36 million square nautical miles.

GOVERNING INTERNATIONAL FISHERY AGREEMENT

Under the Magnuson-Stevens Act, the Secretary of State, in cooperation with the Secretary of Commerce, negotiates Governing International Fishery Agreements (GIFAs) with foreign nations requesting to fish within the EEZ. After a GIFA is signed, it is transmitted by the President to the Congress for ratification.

FOREIGN FISHING PERMITS

Title II of the Magnuson-Stevens Act governs foreign fishing in the EEZ. The process applied to foreign fishing has been described in prior issues of this publication. As U.S. fishing capacity grew, foreign participation in directed fisheries, as well as in foreign joint ventures in which U.S. vessels delivered U.S. harvested fish to permitted foreign vessels in the EEZ diminished until, in 1991, foreign vessels no longer were permitted to conduct directed fishing in the EEZ. This marked the achievement of one of the objectives of the Magnuson-Stevens Act, that is, the development of the U.S. fishing industry to take what were in 1976 underutilized species, and the displacement of directed foreign fishing effort in the EEZ.

As a result of the above, there has been very little total allowable level of foreign fishing (TALFF) issued since 1991. NMFS continues to maintain certain regulations pertaining to foreign fishing should there be a situation in the future in which allowing limited foreign fishing in an underutilized fishery would be of advantage to the U.S. fishing industry.

FMPs and PMPs

Under the Magnuson-Stevens Act, eight Regional Fishery Management Councils are charged with preparing Fishery Management Plans (FMPs) for the fisheries needing management within their areas of authority. After the Councils prepare FMPs that cover domestic and foreign fishing efforts, the FMPs are submitted to the Secretary of Commerce (Secretary) for approval and implementation. The Department, through NMFS agents and the U.S. Coast Guard, is responsible for enforcing the law and regulations.

The Secretary is empowered to prepare FMPs in the Atlantic and Gulf of Mexico for highly migratory species. Where no FMP exists, Preliminary Fishery Management Plans (PMPs), which only cover foreign fishing efforts, are prepared by the Secretary for each fishery for which a foreign nation requests a permit. The Secretary is also empowered to produce an FMP for any fishery that a Council has not duly produced. In this latter case, the Secretary's FMP covers domestic and foreign fishing.

The Atlantic swordfish, Atlantic sharks, and Atlantic billfish fisheries are currently being managed by the Secretary under the Magnuson-Stevens Act, and the Western Atlantic bluefin tuna fishery is managed under the Magnuson-Stevens Act and the Atlantic Tunas Convention Act.

FISHERY MANAGEMENT PLANS (FMPs)

Under section 304 of the Magnuson-Stevens Act, all Council-prepared FMPs must be reviewed for approval by the Secretary. After FMPs have been approved under section 304 of the Magnuson-Stevens Act, they are implemented by Federal regulations, under section 305 of the Act. *As of December 31, 2001,* there are 41 FMPs in place. Of these, two are Secretarial FMPs for Atlantic highly migratory species. The 39 FMPs the Councils prepared are listed below. The FMPs are amended by the Councils and the amendments are submitted for

approval under the same Secretarial review process as new FMPs. Most of the FMPs listed have been amended since initial implementation.

Northeast Multispecies

Atlantic Herring

Monkfish

Atlantic Bluefish

Atlantic Coast Red Drum

Atlantic Mackerel, Squid, and Butterfish

Mid-Atlantic Tilefish (new)

Atlantic Salmon

Atlantic Sea Scallops

Atlantic Surf Clams and Ocean Quahogs

Summer Flounder, Scup, and Black Sea Bass

Spiny Dogfish

Gulf and South Atlantic Spiny Lobster

Caribbean Reef Fish

Gulf of Mexico Reef Fish

Gulf of Mexico Corals

South Atlantic Corals

South Atlantic Golden Crab

Caribbean Coral Reef Resources

Gulf of Mexico Shrimp

Gulf of Mexico Stone Crab

Gulf of Mexico Red Drum

Coastal Migratory Pelagics

Caribbean Queen Conch

Caribbean Spiny Lobster

South Atlantic Snapper/Grouper

South Atlantic Shrimp

Pacific Coastal Pelagic Species

King and Tanner Crab

Commercial and Recreational Salmon

High Seas Salmon

Pacific Coast Groundfish

Gulf of Alaska Groundfish

Bering Sea and Aleutian Islands Groundfish

Alaska Scallops

Western Pacific Crustaceans

Western Pacific Precious Corals

Western Pacific Bottomfish and Seamount Groundfish

Western Pacific Pelagics

In 2001, NMFS published 853 documents in the Federal Register that affected domestic fishing issues and either proposed or implemented fishery management actions (i.e., FMP and amendments). The documents published included hearing, meeting, correction, and proposed and final rule documents.

REGIONAL FISHERY MANAGEMENT COUNCILS

Council	Constituent States	Telephone Number	Executive Directors and Addresses
NEW ENGLAND	(Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut)	978-465-0492 FAX: 465-3116	Paul J. Howard 50 Water St. The Tannery -- Mill 2 Newburyport, MA 01950
MID-ATLANTIC	(New York, New Jersey, Delaware, Pennsylvania, Maryland, Virginia, and North Carolina)	302-674-2331 FAX: 674-5399	Daniel T. Furlong Federal Bldg., Rm. 2115 300 South New St. Dover, DE 19904
SOUTH ATLANTIC	(North Carolina, South Carolina, Georgia and Florida)	843-571-4366 FAX: 769-4520	Robert K. Mahood Southpark Bldg. - Rm. 306 1 Southpart Circle Charleston, SC 29407
GULF OF MEXICO	(Texas, Louisiana Mississippi, Alabama, and Florida)	813-228-2815 FAX: 225-7015	Wayne E. Swingle 3018 U.S. Highway 301, North Suite 1000 Tampa, FL 33619
CARIBBEAN	(U.S. Virgin Islands and Commonwealth of Puerto Rico)	787-766-5926 FAX: 766-6239	Miquel A. Rolon 268 Ave. Munoz Rivera Suite 1108 San Juan, PR 00918
PACIFIC	(California, Washington, Oregon, and Idaho)	503-820-2280 FAX: 820-2299	Donald O. McIsaac 7700 NE Ambassador Place Suite 200 Portland, OR 97220
NORTH PACIFIC	(Alaska, Washington, and Oregon)	907-271-2809 FAX: 271-2817	Chris W. Oliver 605 W. 4th Ave. Room 306 Anchorage, AK 99501
WESTERN PACIFIC	(Hawaii, American Samoa, Guam, and Commonwealth of the Northern Mariana Islands)	808-522-8220 FAX: 522-8226	Kitty M. Simonds 1164 Bishop St. Suite 1400 Honolulu, HI 96813

OPTIMUM YIELD (OY) AND OTHER SPECIFICATIONS, INCLUDING AMOUNTS AVAILABLE FOR JOINT VENTURE PROCESSING: NORTH ATLANTIC, BY SPECIES, 2001 (1)

Item	Loligo squid	Illex squid	Atlantic mackerel	Butter-fish	Atlantic herring
	Metric tons, round weight				
Maximum OY	(2) 26,000	(2) 24,000	(3)	(2) 16,000	(4) 250,000
ABC	17,000	24,000	347,000	7,200	300,000
Initial OY	17,000	24,000	(5) 88,000	5,900	250,000
DAH	17,000	24,000	(6) 85,000	5,897	245,000
DAP	17,000	24,000	50,000	5,897	221,000
JVP	0	0	20,000	0	20,000
Other	NA	NA	NA	NA	(7) 4,000
TALFF	0	0	3,000	3	5,000

(1) OY=Optimum Yield; ABC=Allowable Biological Catch; DAH=Domestic Annual Harvest; DAP=Domestic Annual Processing; JVP=Joint Venture Processing; and TALFF=Total Allowable Level of Foreign Fishing.

(2) Maximum OY based on the Fishery Management Plan for Atlantic mackerel, squid and butterfish.

(3) Not applicable based on the Fishery Management Plan for Atlantic mackerel, squid and butterfish.

(4) Maximum OY based on the Fishery Management Plan for Atlantic Herring.

(5) Initial OY can increase during the year, but the total cannot exceed 347,000 metric tons.

(6) Includes 15,000 metric tons of Atlantic mackerel recreational allocation.

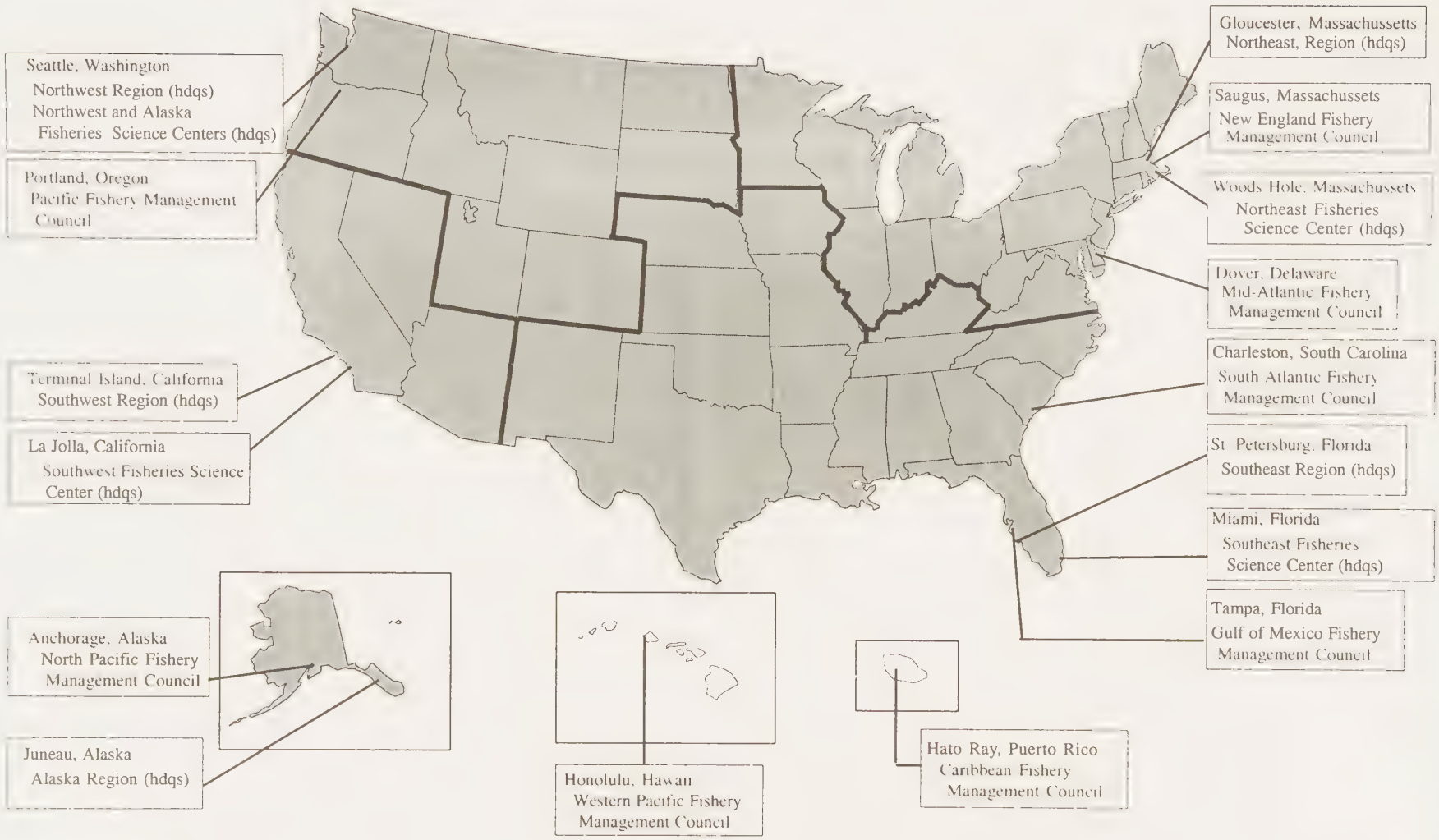
(7) Represents 20,000 4,000 metric tons specified for transfers to Canadian herring carriers.

NA--Not available

Source:--NMFS, Office of Sustainable Fisheries, F/SF; and NMFS, Northeast Region, F/NER.

NMFS Regional Offices
NMFS Fisheries Science Centers
Regional Fishery Management Councils

Headquarters Locations



UNITED STATES DEPARTMENT OF COMMERCE

14th and Constitution Ave., NW
Washington, DC 20230

MAIL ROUTING CODE		TELEPHONE NUMBER
--	**Secretary of Commerce** Donald L. Evans	202-482-2112
A	**Under Secretary of Commerce for Oceans and Atmospheric** Conrad C. Lautenbacher, Jr., Vice Admiral, U.S. Navy (Ret.)	202-482-3436

NATIONAL MARINE FISHERIES SERVICE

1315 East-West Highway
Silver Spring Metro Center #3 (SSMC)
Silver Spring, MD 20910

F	**Assistant Administrator for Fisheries --** William T. Hogarth, Ph.D.	301-713-2239
	Deputy Assistant Administrator for Regulatory Programs -- Rebecca J. Lent, Ph.D.	301-713-2239
	Deputy Assistant Administrator for Operations John Oliver	301-713-2239
	Chief Information Officer -- Larry Tyminski	301-713-2372
	Equal Employment Opportunity -- Natalie Huff	301-713-1456
F/CS	**Constituent Services --** Linda Chaves (Acting)	301-713-2379
F/CS1	Constituent and Outreach Services	301-713-2379
F/CS2	Financial Services	301-713-2390
F/EN	**Office of Law Enforcement --** Dale Jones	301-427-2300
F/EN1	Enforcement Operations Division	301-427-2300
F/SI	**Seafood Inspection Program --** Samuel W. McKeen	301-713-2351
F/HC	**Office of Habitat Conservation --** Rolland A. Schmitten	301-713-2325
F/HCx1	Chesapeake Bay Program Office	410-267-5660
F/HC1	Watershed Division	301-713-2325
F/HC2	Habitat Protection Division	301-713-2325
F/HC3	Habitat Restoration Division	301-713-0174

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UNITED STATES DEPARTMENT OF COMMERCE

Silver Spring, Md. 20910

MAIL ROUTING CODE		TELEPHONE NUMBER
F/MB	**Office of Management and Budget --** Mark C. Holliday, Ph.D. (Acting)	301-713-2259
F/MB 1	Budget Execution Division	301-713-2245
F/MB 2	Management and Administration Division	301-713-2259
F/MB 3	Program Planning and Evaluation Division	301-713-2370
F/MB 4	Budget Formulation and Appropriations Division	301-713-2325
F/PR	**Office of Protected Resources --** Donald Knowles	301-713-2332
F/PR1	Permits Conservation and Education Division	301-713-2289
F/PR2	Marine Mammal Conservation Division	301-713-2322
F/PR3	Endangered Species Division	301-713-2219
F/PR4	Planning and Program Coordination Division	301-713-1401
F/SF	**Office of Sustainable Fisheries --** John H. Dunnigan	301-713-2334
F/SF1	Highly Migratory Species Division	301-713-2347
F/SF3	Domestic Fisheries Division	301-713-2341
F/SF4	International Fisheries Division	301-713-2276
F/SF5	Regulatory Services Division	301-713-2337
F/SF6	Seafood Inspection Lavoratory	301-713-2334
F/ST	**Office of Science and Technology --** William Fox, Jr., Ph.D.	301-713-2367
F/ST1	Fisheries Statistics & Economics Division	301-713-2328
F/ST2	Research Analysis and Coordination Division	301-713-2363
F/ST21	Scientific Publications Unit	206-526-6107
F/ST3	International Science Coordination and Analysis Division	301-713-2288
LA11	**Office of Congressional Affairs - Fisheries --** Steve Leathery (Acting)	301-713-2263
PAF	**Office of Public Affairs - Fisheries --** Gordon Helm	301-713-2370
GCF	**Office of General Counsel - Fisheries --** Mariam McCall	301-713-2231

NATIONAL MARINE FISHERIES SERVICE
REGIONAL FACILITIES

MAIL ROUTING CODE	OFFICE	TELEPHONE and FAX NUMBER	LOCATION
F/NER	**Northeast Region One Blackburn Drive Gloucester, MA 01930**	**978-281-9300 Fax-281-9371**	**Gloucester, MA**
F/NEC3	Northeast Fisheries Science Center 166 Water St. - Rm. 312 Woods Hole, MA 02543	508-495-2233 Fax-548-2258	Woods Hole, MA
	Woods Hole Laboratory 166 Water St. Woods Hole, MA 02543	508-495-2000 Fax-495-2258	Woods Hole, MA
	Narragansett Laboratory 28 Tarzwell Drive Narragansett, RI 02882	401-782-3200 Fax-782-3201	Narragansett, RI
	Milford Laboratory 212 Rigers Ave. Milford, CT 06460	203-579-7000 FAX-579-7070	Milford, CT
	Sandy Hook Laboratory Building 74, McGruder Highlands, NJ 07732	732-872-3000 FAX-872-3088	Highlands, NJ
F/NEC3	Natl. Systematics Laboratory, MRC15 10th & Constitution Ave., NW Washington, DC 20560	202-357-2550 FAX-357-1896	Washington, DC
F/SER	**Southeast Region 9721 Executive Center Drive, N. St. Petersburg, FL 33702**	**727-570-5301 FAX-570-5300**	**St. Petersburg, FL**
F/SEC	Southeast Fisheries Science Center 75 Virginia Beach Dr. Miami, FL 33149	305-361-4284 FAX-361-4219	Miami, FL
F/SEC4	Miami Laboratory 75 Virginia Beach Dr. Miami, FL 33149	305-361-4225 FAX-361-4499	Miami, FL
F/SEC5	Mississippi Laboratory 3209 Frederick St., P.O. Drawer 1207 Pascagoula, MS 39567	228-762-4591 FAX-769-9200	Pascagoula, MS
F/SEC6	Panama City Laboratory 3500 Delwood Beach Rd. Panama City, FL 32408	850-234-6541 FAX-235-3559	Panama City, FL
F/SEC7	Galveston Laboratory 4700 Avenue U Galveston, TX 77551	409-766-3500 FAX-766-3508	Galveston, TX

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NATIONAL MARINE FISHERIES SERVICE
REGIONAL FACILITIES

MAIL ROUTING CODE	OFFICE	TELEPHONE and FAX NUMBER	LOCATION
F/SEC9	Beaufort Laboratory 101 Pivers Island Rd Beaufort, NC 28516	252-728-3595 FAX-728-8784	Beaufort, NC
F/NWR	**Northwest Region** **7600 Sand Point Way, N.E., Bldg. 1** **Seattle, WA 98115**	**206-526-6150** **FAX-526-6426**	**Seattle, WA**
F/NWC	Northwest Fisheries Science Center West Bldg. - Rm. 363 2725 Montlake Boulevard, East Seattle, WA 98112	206-860-3200 FAX-860-3217	Seattle, WA
F/SW	**Southwest Region** **501 West Ocean Blvd., Suite 4200** **Long Beach, CA 90802**	**562-980-4000** **FAX-980-4018**	**Long Beach, CA**
F/SWC	Southwest Fisheries Science Center 8604 La Jolla Shores Dr. P.O. Box 271 La Jolla, CA 92038	858-546-7000 FAX-546-5655	La Jolla, CA
F/SWC2	Honolulu Laboratory 2570 Dole Street, Rm. 106 Honolulu, HI 96822	808-983-5300 FAX-983-2902	Honolulu, HI
	Pacific Islands Area Office 1601 Kapiolani Blvd., Rm. 1110 Honolulu, HI 96814	808-973-2937 FAX-973-2941	Honolulu, HI
F/SWC3	Santa Cruz / Tiburon Laboratory 110 Shaffer Rd. Santa Cruz, CA 95060	415-435-3149 FAX-435-3675	Santa Cruz, CA
F/SWC4	Pacific Fisheries Environmental Group 1352 Lighthouse Ave. Pacific Grove, CA 93950	408-648-8515 FAX-648-8440	Pacific Grove, CA
F/AKR	**Alaska Region** **709 West 9th Street, Room 453** **P.O. Box 21668** **Juneau, AK 99802**	**907-586-7221** **FAX-586-7249**	**Juneau, AK**
F/AKC	Alaska Fisheries Science Center, 7600 Sand Point Way, N.E. P.O. Box C15700 - Bldg. #4 - Rm. 2149 Seattle, WA 98115	206-526-4000 FAX-526-4004	Seattle, WA
	Kodiak Laboratory 301 Research Court Kodiak, AK 99615	907-481-1700 FAX-481-1701	Kodiak, AK
F/AKC4	Auke Bay Laboratory 11305 Glacier Highway Auke Bay, AK 99801	907-789-6000 FAX-789-6094	Auke Bay, AK

NATIONAL MARINE FISHERIES SERVICE
NATIONAL FISHERY STATISTICS OFFICES

CITY	TELEPHONE NUMBER	NAME AND ADDRESS
NEW ENGLAND:		
(1) Portland	**207-780-3322 FAX:780-3340**	**Scott McNamara / Jessica Holton, Marine Trade Center, Suite 212, Two Portland Fish Pier, Portland, ME 04101**
Boston	617-223-8018 FAX:223-8526	Jack French, Boston Market News, 408 Atlantic Ave., Rm. 141, Boston, MA 02210
(1) Gloucester	**978-281-9304 FAX:281-9161**	**Gregory R. Power, Fishery Inf. Section, One Blackburn Dr., Blackburn Dr., Gloucester, MA 01930**
Gloucester	978-281-9363 / 9286 FAX:281-9372	Don Mason / William Heiskel, 11-15 Parker St., Fish Pier, Gloucester, MA 01930
New Bedford	508-999-2452 FAX:990-2506	Dennis E. Main / Sarah Babson-Pike, U.S. Custom House, 37 No. Second St., New Bedford, MA 02740
Chatham	508-945-5961 FAX:945-3793	Lorraine Spenle, 29C Stage Harbor Road, Chatham, MA 02633
Woods Hole	508-495-2309 FAX:495-2258	John Mahoney, NMFS, Northeast Fisheries Science Center, 166 Water St., Woods Hole, MA 02543
Point Judith	401-783-7797 FAX:782-2113	Walter Anoushian, 83 State St., 2nd Floor, P.O. Box 547, Narragansett, RI 02882
MIDDLE ATLANTIC AND CHESAPEAKE:		
New York	212-620-3405 FAX:620-3577	Leo Gaudin / R. Santangello, New York Market News, 201 Varick St. Rm. 701, New York, NY 10014
East Hampton	631-324-3569 FAX:324-3314	Erik Braun, 62 Newtown Lane, Suite 203, East Hampton, NY 11937
Patchogue	631-475-6988 FAX:289-8361	David McKernan, Social Security Bldg., 50 Maple Ave., P.O.Box 606 Patchoque, L.I., NY 11772
(1) Toms River	**732-349-3533 FAX:349-4319**	**Eugene Steady / Nicole Wesley, 26 Main St., P.O. Box 143, Toms River, NJ 08754**
Cape May	609-884-2113 FAX:884-4908	Walt Makowski / Ingo Fleming, 1382 Lafayette St., P.O. Box 624, Cape May, NJ 08204
Hampton	757-723-3369 FAX:728-3947	David Ulmer / Steve Ellis / George Mattingly, 1026 Settlers Landings Suite F, P.O. Box 436, Hampton, VA 23669
Beaufort	252-728-8788 FAX:728-8772	David Gloeckner, Beaufort Laboratory, 101 Pivers Island Rd., Beaufort, NC 28516
SOUTH ATLANTIC AND GULF:		
(1) Beaufort	**252-728-8721 FAX:728-8772**	**Linda Hardy, Beaufort Laboratory, 101 Piver Island Rd., Beaufort, NC 28516**
New Smyrna Beach	904-427-6562 FAX: SAME	Claudia Dennis, Coast Guard Station/Ponce, P.O. Box 2025, New Smynra Beach, FL 32170
Tequesta	561-575-4461 FAX:361-4565	H.Charles Schaefer / Michelle Gamby, 19100 S.E. Fedl. Highway, Tequesta, FL 33469
(1) Miami	**305-361-4468 FAX:361-4460**	**Guy S. Davenport / Pam Brown-Eyo, 75 Virginia Beach Dr., Miami, FL 33149**
Key West	305-294-1921 FAX: SAME	Edward J. Little, Jr., Federal Bldg. Rm. 208, 301 Simington St. Key West, FL 33040
Fort Myers	941-334-4364 FAX: SAME	Tom Herbert, 2000 Main St., Suite 409 Fort Myers, FL 33901
St. Petersburg	727-570-5393 FAX: 570-5300	Renee Roman / Greg Fairclough, 9721 Executive Center Dr., St. Petersburg, FL 33702

(CONTINUED)

NATIONAL MARINE FISHERIES SERVICE
NATIONAL FISHERY STATISTICS OFFICES

CITY	TELEPHONE NUMBER	NAME AND ADDRESS
SOUTH ATLANTIC AND GULF:		
Panama City	850-234-6541 FAX: 235-3558	Deborah Fable / June Weeks, 3500 Delwood Beach Rd., Panama City, FL 32407
Mobile	334-441-6193 FAX: SAME	Ted Flowers, U.S.Coast Guard - ATC, P.O. Box 97, Mobile, AL 36608
Pascagoula	228-762-7402 FAX: 769-9200	Rene Labadens / Charles Armstrong, 3209 Frederic St., P.O. Box Drawer 1207, Pascagoula, MS 39567
Golden Meadow	504-632-4324 FAX: SAME	Gary J. Rousse, 115 Piciola Pkwy., (Galliano, LA), P.O.Box 623, Golden Meadow, LA 70357
Houma	504-872-3321 FAX: SAME	Kathleen Hebert, 425 Lafayette St., Rm. 128, Houma, LA 70360
	504-872-1403 FAX: SAME	Billy Ray Tucker, 1340 W. Tunnel Blvd., Suite 222, Houma, LA 70360
New Iberia/ Cameron Port	318-365-8689 / 3230 318-365-1558	Linda F. Guidry / Beth B. Bourgeois, 705-A West Admiral Doyle Dr. New Iberia, LA 70560
New Orleans	504-365-0314 FAX: 363-0297	Debbie Batiste (Market News Office), Naval Support Activity, 2300 G Myers Ave., Bldg. H-100, Rm. 282, New Orleans, LA 70142
	504-362-3089	Maggie Bourgeois, Address & Fax number same as above.
	504- 362-8508	Jay Boulet, Address and Fax number same as above.
	504-362- 7705	Jan Simpson, Address and Fax number same as above.
Aransas Pass	361-758-0436 FAX: 758-1043	Roy Spears, 132 Cleveland Blvd., P.O. Box 1815, Aransas Pass, TX 78336
Brownsville/ Port Isabel	956-548-2516 FAX: SAME	Kit Doncaster / Edie Lopez, Shrimp Turning Basin, HC 70 Box 15, Brownville, TX 78521
Freeport	979-233-4551 FAX: SAME	Michelle Padgett, Texas Gulf Bank, Suite 213, P.O.Box 2533, Freeport, TX 77542
Galveston	409-766-3515 FAX:766-3543	W. Keith Roberts, 4700 Avenue U, Bldg. 302 Galveston, TX 77551
Port Arthur	409-727-2271 FAX: SAME	Linda S. Trahan, Federal Bldg., Rm. 113, 2875 Jimmy Johnson Blvd Port Arthur, TX 77640
SOUTHWEST PACIFIC:		
(1) Long Beach, C/	562-980-4033 FAX:980-4047	**Patricia J. Donley, 501 West Ocean Boulevard, Rm. 4200, P.O. Box 32469, Long Beach, CA 90832**
NORTHWEST PACIFIC:		
(1) Seattle	206-526-6119 FAX:526-4461	**John K. Bishop, Bldg. 1, 7600 Sand Point Way, NE, Seattle, WA 98115**
ALASKA :		
(1) Juneau	907-586-7323 FAX:586-7465	**David Ham, Federal Building, 4th Floor, 709 West 9th St., P.O. Box 21668, Juneau, AK 99802**

(1) Regional or area headquarters for statistics offices.

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PUBLICATIONS AVAILABLE FROM U.S. GOVERNMENT PRINTING OFFICE

STATISTICAL REPORTS

003-020-00000-0 Fisheries of the United States, 2001...**N/A**

003-020-00174-2 Fisheries of the United States, 2000...$18.00

003-020-00169-6 Fisheries of the United States, 1997...$18.00

MISCELLANEOUS REPORTS

003-020-00171-8 Our Living Oceans, Report on the Status of U.S. Living Marine Resources, 1999...$43.00

003-009-00650-3 U.S. Global Outlook (Name change) 1995: Business Forcasts for 350 Industries ...$24.00

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SCIENTIFIC PUBLICATIONS:

Information on formal scientific publications by NMFS (such as NMFS journals and technical publications) may be obtained from the Scientific Publications Office (F/ST1), 7600 Sand Point Way, N.E., BIN C 15700, Seattle, WA 98115.

Telephone: 206-526-6107 - **http://spo.nwr.noaa.gov/**

CURRENT FISHERY STATISTICS (CFS) SERIES:

The reports listed below are in the Current Fisheries Statistics (CFS) series. They are statistical bulletins on marine recreational fishing, commercial fishing, and on the manufacture and commerce of fishery products. For further information or to obtain a subscription to these publications, contact the office shown below:

NOAA, National Marine Fisheries Service
Fisheries Statistics and Economics Division (F/ST1)
1315 East-West Highway - Station 12340
Silver Spring, MD 20910
Telephone: 301-713-2328

Homepage: **http://www.st.nmfs.gov/st1/**

The bulletins shown below cover freezings and holdings prior to 1997 and holdings only for 1997, and the U.S. foreign trade in fishery products. This information may be obtained through our homepage listing under Fishery Market News (the address is listed above).

( ) FF - Frozen Fishery Products (Annuals 1990-2000)
( ) FT - Imports and Exports of Fishery Products (Annuals 1996 - 2000)

Foreign Trade Information from 1989 through the current month is available through our homepage.

OTHER PUBLICATIONS:

All publications listed below may be obtained from NTIS (address and phone number listed on page 115), the originating office (code follows in parentheses) or the appropriate homepage. Copies are avaiable only as long as supply lasts.

( )Counting on Anglers, a Video Tape Overview of the NMFS Marine Recreational Fisheries Statistics Survey. (F/ST1)

( ) Protecting and Restoring Essential Fish Habitat. (F/HC).

( ) Report on Apportionments of Membership on the Regional Fishery Management Council (RFMCs) in 2000. (F/SF).

( ) The Saltonstall-Kennedy Grant Program: Fisheries Development and Utilization Research and Development Report to Congress on Status of Fisheries of the United States. National Marine Fisheries Service. October 1998. (SFA homepage) Grants - Annotated Bibliography (F/SF).

( ) USDC Approved List of Fish Establishments and Products — Semi-Annual Report. (Documentation Approval and Supply Service, Pascagoula, MS., Phone: 228-762-1892).

Atlantic Striped Bass Studies: 1999 Biennial Report to Congress. National Marine Fisheries Service and U.S. Fish and Wildlife Service, 1999. Silver Spring, MD. 33 p. (Fx2).

Marine Mammal Protection Act Annual Report to Congress. National Marine Fisheries Service. 1998. Silver Spring, MD. (F/PR)

Marine Mammal Protection Act Bulletin. National Marine Fisheries Service. Quarterly Newsletter. Silver Spring, MD (F/PR)

Recovery Plan for U.S. Pacific Population of the Green Turtle (Chelonia mydas). National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR).

Recovery Plan for U.S. Pacific Population of Hawksbill Turtle (Eretmocheys imbricata). National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR).

Recovery Plan for U.S. Pacific Leatherback Turtle (Dermochelys coriacea). National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD (F/PR).

Recovery Plan for U.S. Pacific Population of the Loggerhead Turtle (Chelonia caretta). National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR).

Recovery Plan for the Olive Ridley Turtle (Lepidochelys olivacea). National Marine Fisheries Service and the U.S. Fish and Wildlife Service, 1998. Silver Spring, MD. (F/PR).

Report to Congress on Status of Fisheries of the United States. National Marine Fisheries Service. January, 2000. (SFA homepage).

Recreational Fishery Resources Conservation Plan, Accomplishment Report for FY1998. National Marine Fisheries Service, 1999. 75 p. Silver Spring, MD. (Fx2).

Viewing Marine Mammals in the Wild- Responsible Guidelines and Regulations for Minimizing Disturbance. National Marine Fisheries Service. 2001. Silver Spring, MD. (F/PR)

COMMERCIAL FISHERIES:

Fisheries of the United States is a preliminary report with historical comparisons on the Nation's fishing, fish processing, and foreign trade in fishery products. The following reports are available through NTIS.

Year	Accession No.
1966	COM-75-10662
1967	COM-75-10663
1968	COM-75-10664
1969	COM-75-10665
1970	COM-71-50081
1971	COM-75-10666
1972	COM-73-50644
1973	COM-74-50546
1974	COM-75-10862
1975	PB-253966
1976	PB-268662
1977	PB-282741
1978	PB-297083
1979	PB-80-201593
1980	PB-81-241648
1981	PB-82-215542
1982	PB-83-216473
1983	PB-84-195148
1984	PB-86-144953
1985	PB-87-143145
1986	PB-88-164132
1987	PB-88-215173
1988	PB-89-216485
1989	PB-91-129-320
1990	PB-92-174523/AS
1991	PB-93-204536/AS
1992	PB-94-156387
1993	PB-95-219192

Fisheries Statistics of the United States (Statistical Digest) is a final report on the Nation's commercial fisheries showing more detail than Fisheries of the United States.

Year	Accession No.
1939	COM-75-11265
1940	COM-75-11266
1941	COM-75-11267
1942	COM-75-11268
1943	COM-75-11269
1944	COM-75-11270
1945	COM-75-11271
1946	COM-75-11272
1947	COM-75-11273
1948	COM-75-11274
1949	COM-75-11275
1950	COM-75-11056
1951	COM-75-11053
1952	COM-75-11054
1953	COM-75-11055
1954	COM-75-11057
1955	COM-75-11058
1956	COM-75-11059
1957	COM-75-11060
1958	COM-75-11061
1959	COM-75-11062
1960	COM-75-11063
1961	COM-75-11064
1962	COM-75-11065

Fisheries Statistics of the United States *(continued)*

Year	Accession No.
1963	COM-75-11066
1964	COM-75-11067
1965	COM-75-11068
1966	PB-246429
1967	PB-246430
1968	COM-72-50249
1969	COM-75-10887
1970	COM-75-10643
1971	COM-74-51227
1972	COM-75-11430
1973	PB-262058
1974	PB-277796
1975	PB-300625
1976	PB-81-163438
1977	PB-84-192038
1990	PB-92-222256
1991	PB-92-221803
1992	PB-95-219499
1993	PB-95-219481
1994	PB-95-219507

HISTORICAL REPORTS:

Historical Catch Statistics is a series of publications reporting catch of certain species in the United States for historical purposes. The following reports are available through NTIS:

Atlantic and Gulf Coast States, 1879 - 1989. Current Fisheries Statistics No. 9010 - Historical Series Nos. 5-9 Revised. Report covers total landings for major species, by state and by region. (NTIS No. PB-93-174266).

Atlantic and Gulf Coast States, 1950 - 1991. Current Fisheries Statistics No. 9210 - Historical Series No. 10-Revised. Report covers landings and value of major species, by Region. (NTIS No. PB-93-174274).

IMPORTS AND EXPORTS OF FISHERY PRODUCTS

Annual Summary:

Year	Accession No.
1982	PB-92-218635
1983	PB-92-218643
1984	PB-92-214972
1985	PB-92-222280
1986	PB-92-228196
1987	PB-92-228055
1988	PB-92-222272
1989	PB-92-222264

MARINE RECREATIONAL FISHING:

Determination of the Number of Commercial and Non-Commercial Recreational Boats in the United States, Their Use, and Selected Characteristics, COM-74-11186.

Biennial Report to the President of the United States - Federal Agency Implementation of Executive Order 12962 - Recreational Fisheries. National Recreational Fisheries Coordination Council. 12p. 1998. (Fx2).

The NMFS-Specific Plan to Meet the Goals and Objectives of the Recreational Fishery Resources Conservation Plan. National Marine Fisheries Service. 8p. 1997. (Fx2).

Recreational Fishery Resources Conservation Plan. National Marine Fisheries Service. 16p. 1996. (Fx2).

MARINE RECREATIONAL FISHERY STATISTICS SURVEY:

Atlantic and Gulf Coasts:

Year	Accession No.
1979-80	PB-84-199652
1979 (Revised)-1980	PB-89-102552
1981-1982	PB-89-102560
1983-1984	PB-89-102628
1985	PB-89-102669
1986	PB-89-102701
1987-1989	PB-92-174820
1990-1991	(F/ST1)

Pacific Coast:

Year	Accession No.
1981-1982	PB-89-102925/AS
1983-1984	PB-89-102933/AS
1985	PB-89-102941/AS
1986	PB-89-102958/AS
1987-1989	(F/ST1)

PROCESSED FISHERY PRODUCTS:

Annual Summary:

Year	Accession No.
1979	PB-89-215248/AS
1980	PB-89-215255/AS
1981	PB-89-215263/AS
1982	PB-89-215289/AS
1883	PB-89-215271/AS
1984	PB-89-215297/AS
1985	PB-89-215305/AS
1986	PB-89-215313/AS
1987	PB-92-172956
1988	PB-92-204528/AS

STATE LANDINGS:

Maine: 1946-76, PB-271-296;
1977-79, PB-128258.

Massachusetts: 1943-76, PB-275866;
1977-79, PB-81-143182.

Rhode Island: 1954-77; PB-287627;
1978-79, PB-81-157158.

New York: 1954-76, PB-275449;
1977-79, PB-81-134546.

New Jersey: 1952-76, PB-275696;
1977-79, PB-81-159048

Maryland: 1960-76, PB-300636;
1977-79, PB-81-159003.

Virginia: 1960-76, PB-300637;
1977-79, PB-82-151960.

North Carolina: 1955-76, PB-288928;
1977-79, PB-82-151978.

South Carolina: 1957-76, PB-289405;
1977-79, PB-81-163198.

Georgia: 1956-76, PB-289814;
1977-79, PB-81- 157166.

Florida: 1950-76, PB-292068.

Alabama: 1950-77, PB-80-121262;
1978, PB-82-168071.

Mississippi: 1951-77, PB-80-121270;
1978, PB-82-169079.

Louisiana: 1957-77, PB-300583;
1978, PB82-168063.

Texas: 1949-77, PB-300603;
1978-79, PB-82-169004.

Shrimp Landings: 1956-76, PB-80-124696;
1978-79, PB-82-156183.

Gulf Coast Shrimp Data: 1958-76, PB-80-126899;
1978-79, PB-82-170390.

INTERNATIONAL REPORTS:

The Division of International Science and Technology, NMFS, prepares assessments of major fisheries to support priority NMFS programs. These reports may be of interest to the wider fishery community as they include biological, commercial, and technical information of potential use to academicians, industry, and environmentalists.

Swordfish:
In 1997 work was completed on a six-volume study, culminating a five-year research project to compile and analyze information on every key swordfish catching nation in the world. World Swordfish Fisheries, is the most comprehensive documentation of this fishery ever produced. Each volume of the study contains information on catch, fishing grounds, fishing fleets, gear and methods, markets, trade, bycatch, research, international relations, and other facets of the fishery. The books are carefully documented and have extensive statistical appendices, graphics, and photographic images to help explain the fishery and illustrate key trends. Reports on the swordfish fisheries of the Atlantic-coast countries of Latin America was published in 1999 and reports on the Caribbean islands in 2001. The reports were published as NOAA Fisheries Technical Memoranda. These books are available from the NOAA Library: Steve Quillen, NOAA Library, 1315 East-West Highway, Silver Spring, MD 20910 (Steve.Quillen@noaa.gov)

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Volume I: Executive Overview. Summary of World Fisheries for Swordfish and Overview of Global and Regional Trends. (NMFS-F/SPO23, 1997), 53 p.

Volume II: Africa and the Middle East. Examination of Fisheries and Overview of Regional Trends in Africa and in Select Middle Eastern countries. (NMFS-F/SPO24, 1997),235 p.

Volume III: Asia. Summary of Asian Fisheries and Overview of Regional Trends. Special Coverage of Japan, Korea, and Taiwan. (NMFS-F/SPO25, 1997), 44 p.

Volume IV: Latin America.

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Part A2: Summary of Swordfish Fisheries, along the Atlantic coast of South America. Detailed coverage of Brazil. (NMFS-F/SPO34-36, 1999), three books 916p.

Part B: Summary of Swordfish Fisheries of the Caribbean islands. Detailed coverage of Cuba. (NMFS-F/SPO50-53, 2001), four books 1,316p.

Volume V: North America. Overview of Canadian and U.S. Fisheries for Swordfish. (NMFS-F/SPO28, 1997), 136 p.

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Atlantic Highly Migratory Species (HMS) - http://www.nmfs.noaa.gov/sfa/hmspg.html — HMS and Billfish Fishery Management Plans, implementing regulations and related documents. The Stock Assessment and Fishery Evaluation Report for HMS: SAFE2000. Information on Atlantic tunas permits and link to online permit shop. Lists of members of the Advisory Panels, upcoming meetings and other HMS news

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Alaska Fisheries Science Center - http://www.afsc.noaa.gov/ — Describes the mission of the Center and the organization and purpose of its laboratories, divisions, and programs dedicated to Federal fisheries and marine mammal research in the coastal oceans off Alaska and the West Coast of the United States. Provides stock assessments, databases, AFSC Quarterly Report, cruise reports and schedules, other online documents, publication lists, image gallery of marine mammals, fishes, and crabs, and educational materials.

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Northwest Fisheries Science Center - http://research.nwfsc.noaa.gov/nwfsc-homepage.html — Describes Center research, including status and recovery of endangered salmon and new hatchery-rearing techniques; rapid-response analyzes of chemical pollution and harmful algae blooms in fishery grounds nationwide; assessing the west coast groundfish fishery; and developing new bycatch utilization technologies. News topics, current publications, library resources, and the Center's state-of-the-art water-recycling fish culture facility are also featured.

Southwest Region - http://swr.ucsd.edu — Describes the mission and responsibilities of the regional office. Announcements of Federal Register notices on seasons, trip limits, and quotas. Provides information on fisheries statistics, trade data, canned tuna updates and status of tuna import quotas, and catch reports for various California fisheries. Japanese market reports are available on sablefish, shrimp, landings and wholesale prices, etc., and links to other pertinent sites of interest to fishery and seafood industries.

Southwest Fisheries Science Center - http://swfsc.ucsd.edu — Describes the Center's programs, mission, laboratories, geographic scope, organization, research vessels, and upper-level scientific and management staff. Includes publications, news releases, billfish newsletter, and information on the types of research being conducted on Pacific and Antarctic fishes, marine mammals, sea turtles, habitats, and marine ecosystems.

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ANADROMOUS SPECIES. These are species of fish that mature in the ocean, and then ascend streams to spawn in freshwater. In the Magnuson Act, these species include, but are not limited to, Atlantic and Pacific salmons, steelhead trout, and striped bass. See 42 FR 60682, Nov. 28, 1977.

ANALOG PRODUCTS. These include imitation and simulated crab, lobster, shrimp, scallops, and other fish and shellfish products fabricated from processed fish meat (such as surimi).

AQUACULTURE. The farming of aquatic organisms in marine, brackish or fresh water. Farming implies private or corporate ownership of the organism and enhancement of production by stocking, feeding, providing protection from predators, or other management measures. Aquaculture production is reported as the weight and value of cultured organisms at their point of final sale.

BATTER-COATED FISH PRODUCTS. Sticks and portions or other forms of fish or shellfish coated with a batter containing a leavening agent and mixture of cereal products, flavoring, and other ingredients, and partially cooked in hot oil a short time to expand and set the batter.

BOAT, OTHER. Commercial fishing craft not powered by a motor, e.g., rowboat or sailboat, having a capacity of less than 5 net tons. See motorboat.

BREADED FISH PRODUCTS. Sticks and portions or other forms of fish or shellfish coated with a nonleavened mixture containing cereal products, flavorings, and other ingredients. Breaded products are sold raw or partially cooked.

BREADED SHRIMP. Peeled shrimp coated with breading. The product may be identified as fantail (butterfly) and round, with or without tail fins and last shell segment; also known as portions, sticks, steaks, etc., when prepared from a composite unit of two or more shrimp pieces whole shrimp or a combination of both without fins or shells.

BUTTERFLY FILLET. Two skin-on fillets of a fish joined together by the belly skin. See fillets.

CANNED FISHERY PRODUCTS. Fish, shellfish, or other aquatic animals packed in cans, or other containers, which are hermetically sealed and heat-sterilized. Canned fishery products may include milk, vegetables, or other products. Most, but not all, canned fishery products can be stored at room temperature for an indefinite time without spoiling.

COMMERCIAL FISHERMAN. An individual who derives income from catching and selling living resources taken from inland or marine waters.

CONSUMPTION OF EDIBLE FISHERY PRODUCTS. Estimated amount of commercially landed fish, shellfish, and other aquatic animals consumed by the civilian population of the United States. Estimates are on an edible-weight basis and have been adjusted for beginning and ending inventories of edible fishery products. Consumption includes U.S. production of fishery products from both domestically caught and imported fish, shellfish, other edible aquatic plants, animals, and imported products and excludes exports and purchases by the U.S. Armed Forces.

CONTINENTAL SHELF FISHERY RESOURCES. These are living organisms of any sedentary species that at the harvestable stage are either (a) immobile on or under the seabed, (b) unable to move except in constant physical contact with the seabed or subsoil of the continental shelf. The Magnuson Act now lists them as certain abalones, surf clam and ocean quahog, queen conch, Atlantic deep-sea red crab, dungeness crab, stone crab, king crabs, snow (tanner) crabs, American lobster, certain corals, and sponges.

CURED FISHERY PRODUCTS. Products preserved by drying, pickling, salting, or smoking; not including canned, frozen, irradiated, or pasteurized products. Dried products are cured by sun or air-drying; pickled or salted products are those products preserved by applying salt, or by pickling (immersing in brine or in a vinegar or other preservative solution); smoked products are cured with smoke or a combination of smoking and drying or salting.

DEFLATED VALUE. The deflated values referred to in this document are calculated with the Gross Domestic Products Implicit Price Deflator. The base year for this index is 1987.

EDIBLE WEIGHT. The weight of a seafood item exclusive of bones, offal, etc.

EEZ. See U.S. Exclusive Economic Zone.

EL NINO. This anomalous ocean warming of the eastern Equatorial Pacific occurs at time intervals varying from 2-10 years. El Nino conditions result in an accu-

mulation of warm water off South America which reduced the upwelling of nutrient-rich water necessary to support fisheries production. These conditions extended northward to the U.S. Pacific Coast. In addition to affecting the food available for fish, El Nino appears to alter the normal ranges, distributions, and migrations of fish populations.

EUROPEAN UNION. Austria, Belgium and Luxembourg, Denmark, Federal Republic of Germany, Finland, Greece, France, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and United Kingdom.

EXPORT VALUE. The value reported is generally equivalent to f.a.s. (free alongside ship) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. The value excludes the cost of loading, freight, insurance, and other charges or transportation cost beyond the port of exportation.

EXPORT WEIGHT. The weight of individual products as exported, i.e., fillets, steaks, whole, breaded. etc. Includes both domestic and foreign re-exports data.

EXVESSEL PRICE. Price received by the harvester for fish, shellfish, and other aquatic plants and animals.

FISH BLOCKS. Regular fish blocks are frozen blocks or slabs of fillets or pieces of fillets cut or sliced from fish. Minced fish blocks are frozen blocks or slabs of minced flesh produced by a meat and bone separating machine.

FISH FILLETS. The sides of fish that are either skinned or have the skin on, cut lengthwise from the backbone. Most types of fillets are boneless or virtually boneless; some may be labeled as "boneless fillets."

FISH MEAL. A high-protein animal feed supplement made by cooking, pressing, drying, and grinding fish or shellfish.

FISH OIL. An oil extracted from body (body oil) or liver (liver oil) of fish and marine mammals; mostly a byproduct of fish meal production.

FISH PORTION. A piece of fish flesh that is generally of uniform size with thickness of 3/8 of an inch or more and differs from a fish stick in being wider or of a different shape. A fish portion is generally cut from a fish block.

FISH SOLUBLES. A water-soluble protein byproduct of fish meal production. Fish solubles are generally condensed to 50 percent solids and marketed as "condensed fish solubles."

FISH STEAK. A cross-section slice cut from a large dressed fish. A steak is usually about 3/4 of an inch thick.

FISH STICK. An elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish stick is generally cut from a fish block.

FISHERY MANAGEMENT PLAN (FMP). A plan developed by a Regional Fishery Management Council, or the Secretary of Commerce under certain circumstances, to manage a fishery resource in the U.S. EEZ pursuant to the MFCMA (Magnuson Act).

FISHING CRAFT, COMMERCIAL. Boats and vessels engaged in capturing fish, shellfish, and other aquatic plants and animals for sale.

FULL-TIME COMMERCIAL FISHERMAN. An individual who receives more than 50 percent of his or her annual income from commercial fishing activities, including port activity, such as vessel repair and re-rigging.

GROUNDFISH. Broadly, fish that are caught on or near the sea floor. The term includes a wide variety of bottom fishes, rockfishes, and flatfishes. However, NMFS sometimes uses the term in a narrower sense. In "Fisheries of the United States," the term applies to the following species--Atlantic and Pacific: cod, hake, ocean perch, and pollock; cusk; and haddock.

IMPORT VALUE. Value of imports as appraised by the U.S. Customs Service according to the Tariff Act of 1930, as amended. It may be based on foreign market value, constructed value, American selling price, etc. It generally represents a value in a foreign country, and therefore excludes U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

IMPORT WEIGHT. The weights of individual products as received, i.e., fillets, steaks, whole, headed, etc.

INDUSTRIAL FISHERY PRODUCTS. Items processed from fish, shellfish, or other aquatic plants and animals that are not consumed directly by humans. These items contain products from seaweeds, fish meal, fish oils, fish solubles, pearl essence, shark and other aquatic animal skins, and shells.

INTERNAL WATER PROCESSING (IWPs). An operation in which a foreign vessel is authorized by the governor of a state to receive and process fish in the internal waters of a state. The Magnuson Act refers to internal waters as all waters within the boundaries of a state except those seaward of the baseline from which the territorial sea is measured.

JOINT VENTURE. An operation authorized under the MFCMA (Magnuson Act) in which a foreign vessel is authorized to receive fish from U.S. fishermen in the U.S. EEZ. The fish received from the U.S. vessel are part of the U.S. harvest.

LANDINGS, COMMERCIAL. Quantities of fish, shellfish, and other aquatic plants and animals brought ashore and sold. Landings of fish may be in terms of round (live) weight or dressed weight. Landings of crustaceans are generally on a live-weight basis except for shrimp which may be on a heads-on or heads-off basis. Mollusks are generally landed with the shell on, but for some species only the meats are landed, such as sea scallops. Data for all mollusks are published on a meat-weight basis.

MAGNUSON-STEVENS FISHERY CONSERVATION AND MANAGEMENT ACT, Public Law 94-265, as amended. The Magnuson-Stevens Act provides a national program for the conservation and management of fisheries to allow for an optimum yield (OY) on a continuing basis and to realize the full potential of the Nation's fishery resources. It established the U.S. Exclusive Economics Zone (EEZ) (formerly the FCZ - Fishery Conservation Zone) and a means to control foreign and certain domestic fisheries through PMPs and FMPs. Within the U.S. EEZ, the United States has exclusive management authority over fish (meaning finfish, mollusks, crustaceans, and all other forms of marine animal and plant life other than marine mammals, birds, and highly migratory species of tuna). The Magnuson Act provides further exclusive management authority beyond the U.S. EEZ for all continental shelf fishery resources and all anadromous species throughout the migratory range of each such species, except during the time they are found within any foreign nation's territorial sea or fishery conservation zone (or the equivalent), to the extent that such a sea or zone is recognized by the United States.

MARINE RECREATIONAL FISHING. Fishing for pleasure, amusement, relaxation, or home consumption.

MARINE RECREATIONAL CATCH. Quantities of finfish, shellfish, and other living aquatic organisms caught, but not necessarily brought ashore, by marine recreational fisherman.

MARINE RECREATIONAL FISHERMEN. Those people who fish in marine waters primarily for recreational purposes. Their catch is primarily for home consumption, although occasionally a part or all of their catch may be sold and enter commercial channels. This definition is used in the NMFS Marine Recreational Fishery Statistics Survey, and is not intended to represent a NMFS policy on the sale of angler-caught fish.

MAXIMUM SUSTAINABLE YIELD (MSY). MSY from a fishery is the largest annual catch or yield in terms of weight of fish caught by both commercial and recreational fishermen that can be taken continuously from a stock under existing environmental conditions. A determination of MSY, which should be an estimate based upon the best scientific information available, is a biological measure necessary in the development of optimum yield.

METRIC TONS. A measure of weight equal to 1,000 kilograms, 0.984 long tons, 1.1023 short tons, or 2,204.6 pounds.

MOTORBOAT. A motor-driven commercial fishing craft having a capacity of less than 5 net tons, or not officially documented by the Coast Guard. See "boat, other".

NORTHWEST ATLANTIC FISHERIES ORGANIZATION (NAFO). This convention, entered into force January 1, 1979, replaces ICNAF. NAFO provides a forum for continued multilateral scientific research and investigation of fishery resources that occur beyond the limits of coastal nations' fishery jurisdiction in the northwest Atlantic, and will ensure consistency between NAFO management measures in this area and those adopted by the coastal nations within the limits of their fishery jurisdiction.

OPTIMUM YIELD (OY). In the MFCMA (Magnuson Act), OY with respect to the yield from a fishery, is the amount of fish that (1) will provide the greatest overall benefit to the United States, with particular reference to food production and recreational opportunities; and (2) is prescribed as such on the basis of maximum sustainable yield from such fishery, as modified by any relevant ecological, economic, or social factors.

Glossary

PART-TIME COMMERCIAL FISHERMAN. An individual who receives less than 50 percent of his or her annual income from commercial fishing activities.

PER CAPITA CONSUMPTION. Consumption of edible fishery products in the United States divided by the total civilian population. In calculating annual per capita consumption, estimates of the civilian resident population of the United States on July 1 of each year are used. These estimates are taken from current population reports, series P-25, published by the U.S. Bureau of the Census.

PER CAPITA USE. The use of all fishery products, both edible and nonedible, in the United States divided by the total population of the United States.

PRELIMINARY FISHERY MANAGEMENT PLAN (PMP). The Secretary of Commerce prepares a PMP whenever a foreign nation with which the United States has made a Governing International Fishery Agreement (GIFA) submits an application to fish in a fishery not managed by an FMP. A PMP is replaced by an FMP as soon as the latter is implemented. A PMP applies only to foreign fishing.

RE-EXPORTS. Re-exports are commodities which have entered the U.S. as imports and are subsequently exported in substantially the same condition as when originally imported.

RETAIL PRICE. The price of fish and shellfish sold to the final consumer by food stores and other retail outlets.

ROUND (LIVE) WEIGHT. The weight of fish, shellfish, or other aquatic plants and animals as taken from the water; the complete or full weight as caught. The tables on world catch found in this publication include, in the case of mollusks, the weight of both the shells and the meats, whereas the tables on U.S. landings include only the weight of the meats.

SURIMI. Minced fish meat (usually Alaska pollock) which has been washed to remove fat and undesirable matters (such as blood, pigments, and odorous substances), and mixed with cryoprotectants, such as sugar and/or sorbitol, for a good frozen shelf life.

TOTAL ALLOWABLE LEVEL OF FOREIGN FISHING (TALFF). The TALFF, if any, with respect to any fishery subject to the exclusive fishery management authority of the United States, is that portion of the optimum yield of such fishery which will not be harvested by vessels of the United States, as determined by provisions of the MFCMA.

U.S. EXCLUSIVE ECONOMIC ZONE (EEZ). The MSFCMA (Magnuson-Stevens Act) defines this zone as contiguous to the territorial sea of the United States and extending seaward 200 nautical miles measured from the baseline from which the territorial sea is measured. This was formerly referred to as the FCZ (Fishery Conservation Zone).

U.S.-FLAG VESSEL LANDINGS. Includes landings by all U.S. fishing vessels regardless of where landed as opposed to landings at ports in the 50 United States. These include landings at foreign ports, U.S. territories, and foreign vessels in the U.S. FCZ under joint venture agreements. U.S. law prohibits vessels constructed or registered in foreign countries to land fish catches at U.S. ports.

U.S. TERRITORIAL SEA. A zone extending 3 nautical miles from shore for all states except Texas and the Gulf Coast of Florida where the seaward boundary is 3 marine leagues (9 nautical miles)

USE OF FISHERY PRODUCTS. Estimated disappearance of the total supply of fishery products, both edible and nonedible, on a round-weight basis without considering beginning or ending stocks, exports, military purchases, or shipments to U.S. territories.

VESSEL. A commercial fishing craft having a capacity of 5 net tons or more. These craft are either enrolled or documented by the U.S. Coast Guard and have an official number assigned by that agency.

WHOLESALE FISH AND SHELLFISH PRICES. Those prices received at principal fishery markets by primary wholesalers (processors, importers, and brokers) for customary quantities, free on board (f.o.b.) warehouse.

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Federal Inspection Marks for Fishery Products

NATIONAL FISHERY PRODUCTS INSPECTION PROGRAM. The U.S. Department of Commerce (USDC), National Marine Fisheries Service, a part of the National Oceanic and Atmospheric Administration, conducts a voluntary seafood inspection program on a fee-for-service basis. A HACCP-based service is also available. Services provided by the program include vessel and plant sanitation, product inspection and grading, label reviews, product specification reviews, laboratory analyses, training, education and information. Inspection and certification services are available nationwide and in U.S. territories for all interested parties. Consultative services are provided in foreign countries. Inspection and certification services are also provided for imported and exported products. The USDC Seafood Inspection Division also provides HACCP training, plan development, implementation assistance, and verification service to industry (domestic and foreign) for the purpose of demonstrating compliance with FDA's HACCP rule (21 CFR Parts 123 and 1240) regarding "Procedures for the Safe and Sanitary Processing and Importing of Fish and Fishery Products" which was implemented December 18, 1997.

USERS OF INSPECTION SERVICES. The users of the voluntary seafood inspection service include vessel owners, processors, distributors, brokers, retailers, food service operators, exporters, importers, and those who have a financial interest in buying and selling seafood products. The U.S. Department of Agriculture recommends that USDC inspected products be purchased for its food feeding programs. The **USDC APPROVED LIST OF FISH ESTABLISHMENTS AND PRODUCTS,** published bi-annually, provides a listing of products and participants who contract with USDC.

USDC INSPECTION MARKS. These marks designate the level and the type of inspection performed by the federal inspector. The marks can be used in advertising and labeling under the guidelines provided by the Seafood Inspection Division and in accordance with federal and state regulations regarding advertising and labeling. Products bearing the USDC official marks have been certified as being safe, wholesome, and properly labeled.

"US GRADE A" MARK. The U.S. GRADE A mark signifies that a product has been processed under federal inspection in an approved facility and meets the established level of quality of an existing U.S. grade standard. The U.S. Grade A mark indicates that the product is of high quality, uniform in size, practically free from blemishes and defects, in excellent condition and possessing good flavor and odor.

"PROCESSED UNDER FEDERAL INSPECTION" MARK. The PUFI mark or statement signifies that the product has been inspected in an approved facility and was found to be safe, wholesome and properly labeled according to approved specifications or criteria. The language within the PUFI mark has been amended to "Processed Under Federal Inspection" to reflect actual inspection procedures and the regulatory requirements for use of the mark.

"LOT INSPECTED" MARK. A new USDC Lot Inspected mark was created to replace the "Officially Sampled" and "Accepted Per Specifications" lot inspection marks used on retail labels. The latter marks were no longer allowed/accepted after September 30, 1997. The use of the new mark meets the needs of both industry and consumers by conveying that the products bearing the mark have been examined by the USDC Program.

"RETAIL" MARK. In response to requests made by industry, a new mark has been created for retail or food service establishments. Participants qualify for use of the "Retail Mark" by receiving the USDC HACCP-based service or being under contract for sanitation services and associated product evaluation. Usage of such a mark will give the retail industry the opportunity to advertise on their banners, logos, or menus that their facility has been recognized by USDC for proper sanitation and handling of fishery products.

USDC HACCP MARK. The USDC HACCP-based service is available to all interested parties on a fee-for-service basis. Label approval, record keeping and analytical testing are program requirements. An industry USDC-certified employee trained in HACCP principles is also required for each facility/site in the program. Compliance ratings determine frequency of official visits. Benefits to participants include increased controls through a more scientific approach, use of established marks, increased efficiency of federal inspection personnel, and enhanced consumer confidence. The USDC has made available a HACCP mark and a "banner" to distinguish products that have been produced under the HACCP-based program. The HACCP banner must be used as an attachment to existing inspection grade marks. Establishments meeting HACCP program requirements may use these marks in conjunction with promotional material, packaging, point-of-sale notices, and menus.

FOR FURTHER INFORMATION:
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Seafood Inspection Division - F/SF6
1315 East-West Highway
Silver Spring, MD 20910
(301) 713-2355 (FAX: 713-1081)
Toll Free: 1-800-422-2750
Internet: http://seafood.ssp.nmfs.gov/iss/issue.html